

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032769.D
 Acq On : 21 Feb 2018 20:58
 Operator : SJ/JU
 Sample : J1624-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Feb 22 06:16:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	73069	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	314760	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	176585	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	396855	20.00	ng	0.00
75) Chrysene-d12	22.63	240	376027	20.00	ng	-0.01
86) Perylene-d12	26.44	264	397995	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	600312	131.44	ng	0.00
7) Phenol-d6	8.02	99	709240	111.41	ng	0.00
23) Nitrobenzene-d5	10.13	82	485033	104.38	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	290279	156.34	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1111801	90.81	ng	0.00
78) Terphenyl-d14	20.79	244	1593974	95.24	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.65	88	9553	4.819	ng	# 1
3) Pyridine	4.50	79	57	0.010	ng	# 1
4) n-Nitrosodimethylamine	4.29	42	457	0.209	ng	# 1
6) Aniline	8.44	93	984	0.114	ng	# 1
8) 2-Chlorophenol	8.47	128	61	0.012	ng	# 1
9) Benzaldehyde	8.02	77	963	0.262	ng	# 5
10) Phenol	8.02	94	62	0.010	ng	# 1
11) bis(2-Chloroethyl)ether	8.44	93	984	0.188	ng	# 1
15) Benzyl Alcohol	9.27	79	8527	1.822	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	9.45	45	113	0.013	ng	# 75
19) n-Nitroso-di-n-propylamine	10.13	70	64753	14.408	ng	# 82
22) Acetophenone	9.77	105	818	0.103	ng	# 83
24) Nitrobenzene	10.12	77	1524	6.644	ng	# 45
25) Isophorone	10.83	82	61	0.006	ng	# 69
27) 2,4-Dimethylphenol	10.96	122	56	0.012	ng	# 1
31) Naphthalene	11.87	128	8461	0.514	ng	# 99
32) Benzoic acid	10.96	122	56	5.837	ng	# 30
33) 4-Chloroaniline	11.86	127	1029	0.140	ng	# 50
35) Caprolactam	12.66	113	56	0.032	ng	# 58
37) 2-Methylnaphthalene	13.63	142	1527	0.128	ng	# 98
45) 1,1'-Biphenyl	14.39	154	3372	0.219	ng	# 92
47) 2-Nitroaniline	14.17	65	2091	10.408	ng	# 1
48) Acenaphthylene	15.27	152	311	0.016	ng	# 59
50) 2,6-Dinitrotoluene	15.54	165	23032	16.458	ng	# 20
51) Acenaphthene	15.60	154	1681	0.143	ng	# 89
54) Dibenzofuran	15.93	168	1646	0.098	ng	# 87
55) 4-Nitrophenol	15.93	139	511	7.270	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	23032	14.657	ng	# 18
57) Fluorene	16.58	166	1298	0.094	ng	# 89
59) Diethylphthalate	16.30	149	1986	0.126	ng	# 84
62) Azobenzene	16.86	77	54	0.004	ng	# 17
64) 4,6-Dinitro-2-methylphenol	17.01	198	678	5.675	ng	# 1
65) n-Nitrosodiphenylamine	17.01	169	11099	0.860	ng	# 45
66) 4-Bromophenyl-phenylether	17.01	248	21103	5.029	ng	# 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

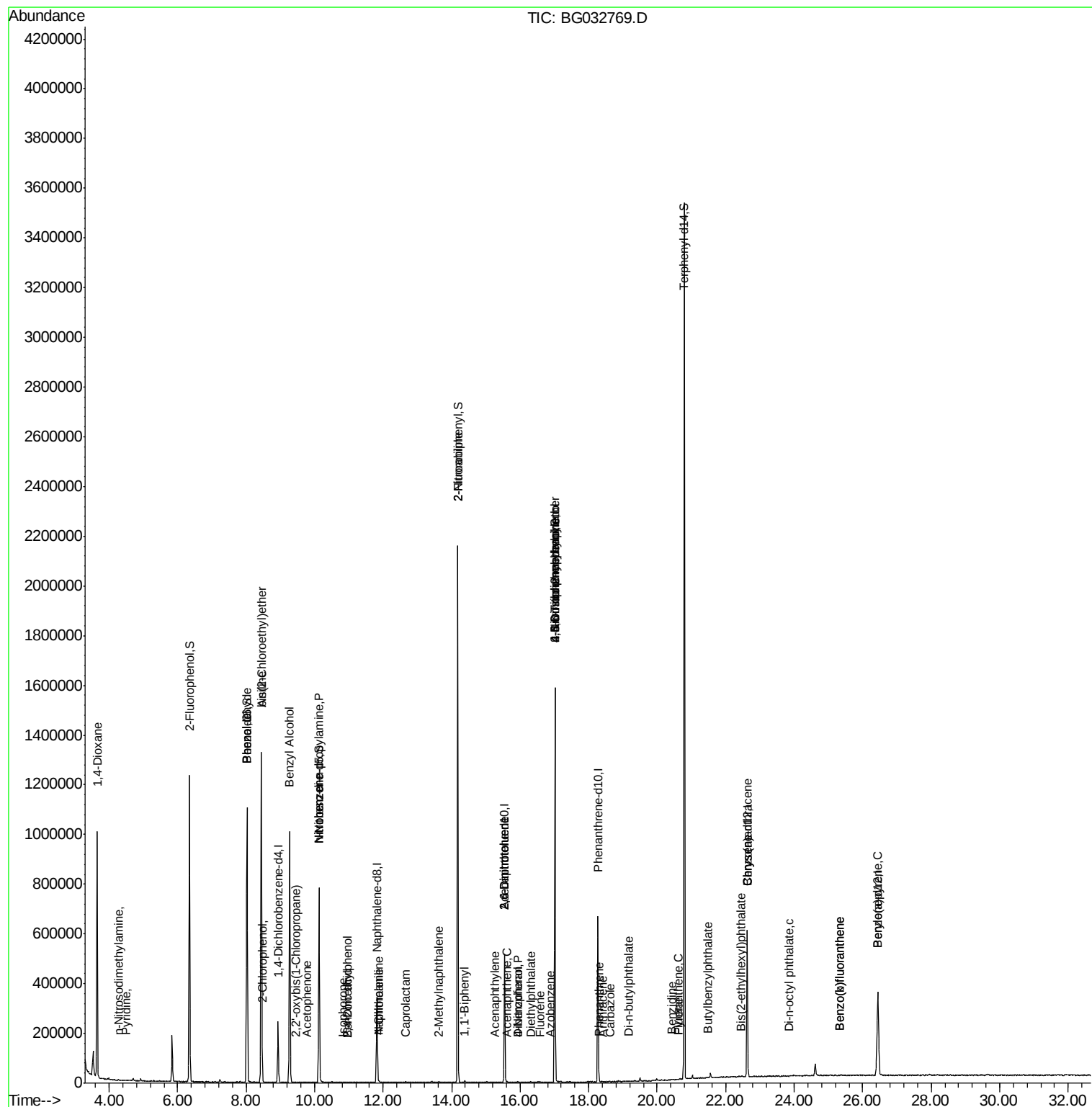
70) Phenanthrene	18.32	178	2711	0.122	ng	# 93
71) Anthracene	18.40	178	191	0.009	ng	# 59
72) Carbazole	18.64	167	66	0.003	ng	# 59
73) Di-n-butylphthalate	19.16	149	1929	0.072	ng	# 78
74) Fluoranthene	20.62	202	208	0.009	ng	# 65
76) Benzidine	20.42	184	1915	0.149	ng	# 77
77) Pyrene	20.62	202	208	0.008	ng	# 57
79) Butylbenzylphthalate	21.49	149	65	0.006	ng	# 51
80) Benzo(a)anthracene	22.63	228	953	0.040	ng	# 56
82) Chrysene	22.63	228	953	0.041	ng	# 52
83) Bis(2-ethylhexyl)phthalate	22.46	149	1688	0.097	ng	# 88
84) Di-n-octyl phthalate	23.86	149	63	0.002	ng	# 40
87) Benzo(b)fluoranthene	25.32	252	56	0.002	ng	# 59
88) Benzo(k)fluoranthene	25.32	252	56	0.002	ng	# 60
89) Benzo(a)pyrene	26.44	252	1372	0.061	ng	# 25

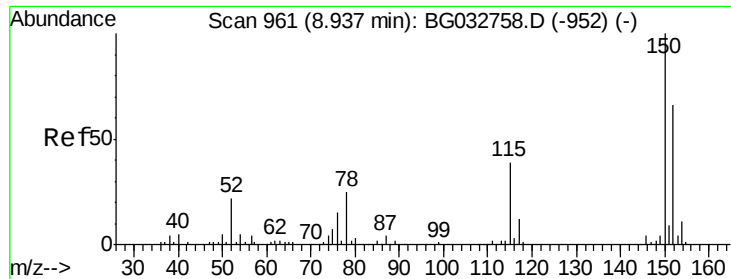
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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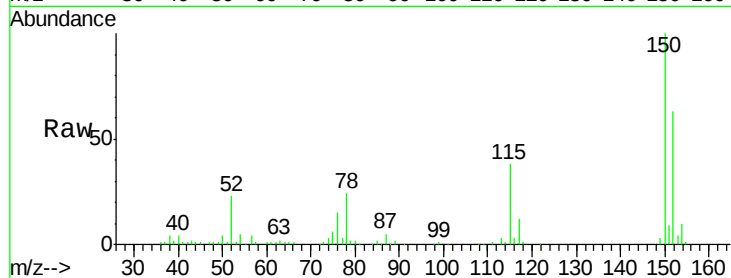




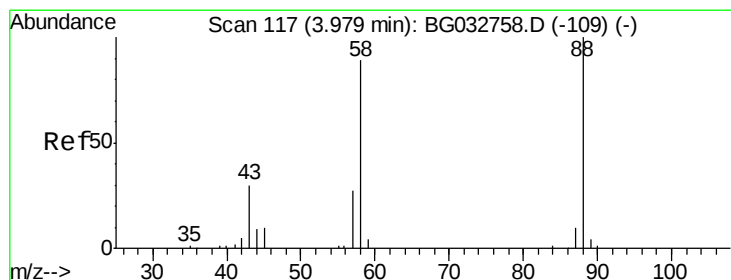
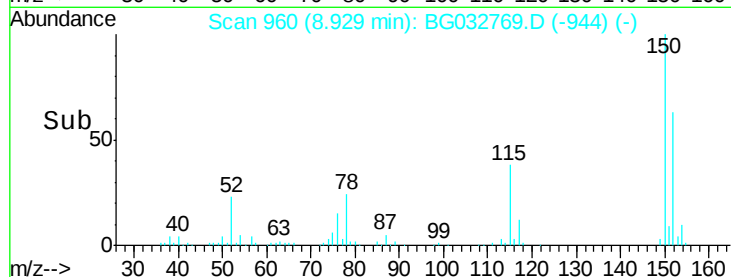
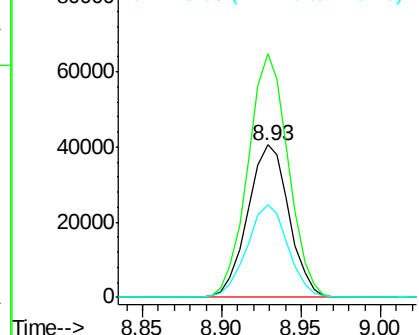
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.93 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion:152 Resp: 73069
 Ion Ratio Lower Upper
 152 100
 150 159.9 126.6 189.8
 115 60.7 53.0 79.4

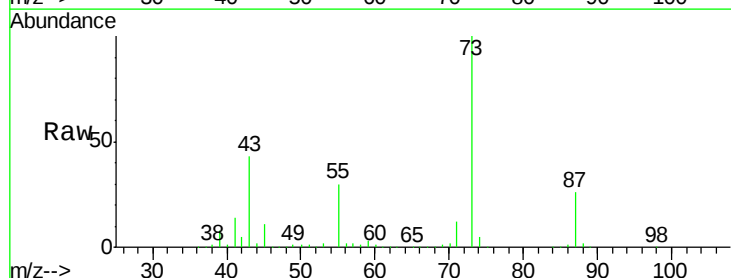


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

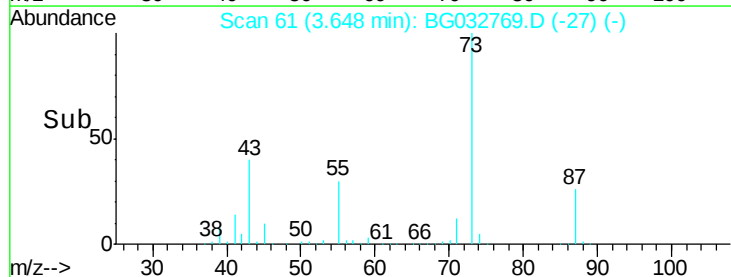
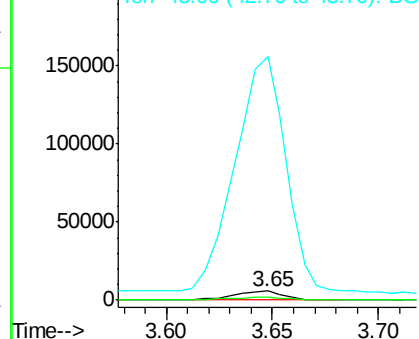


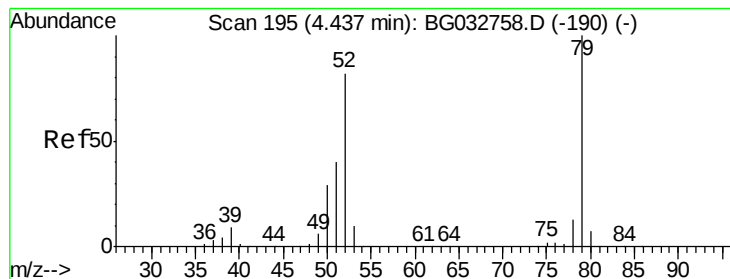
#2
 1,4-Dioxane
 Concen: 4.819 ng
 RT: 3.65 min Scan# 61
 Delta R.T. -0.33 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Tgt Ion: 88 Resp: 9553
 Ion Ratio Lower Upper
 88 100
 58 30.2 79.6 119.4#
 43 2692.8 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.010 ng

RT: 4.50 min Scan# 206

Delta R.T. 0.06 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

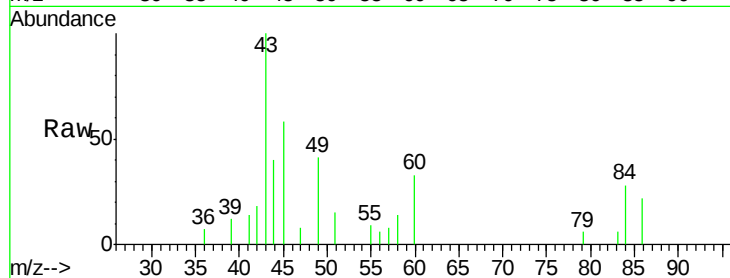
Tot Ion: 79 Resp: 57

Ion Ratio Lower Upper

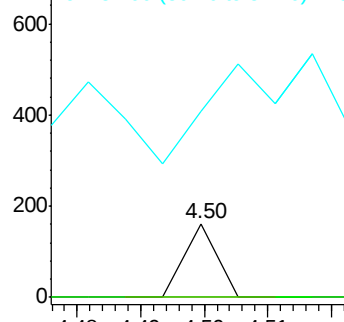
79 100

52 0.0 69.9 104.9#

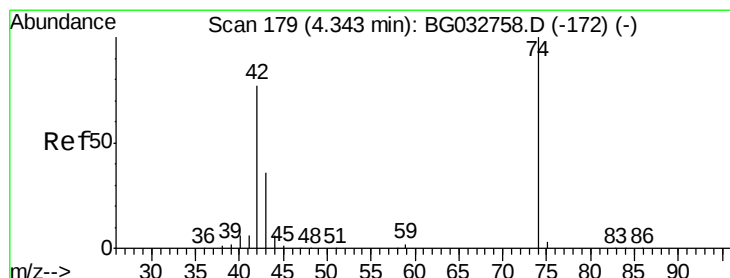
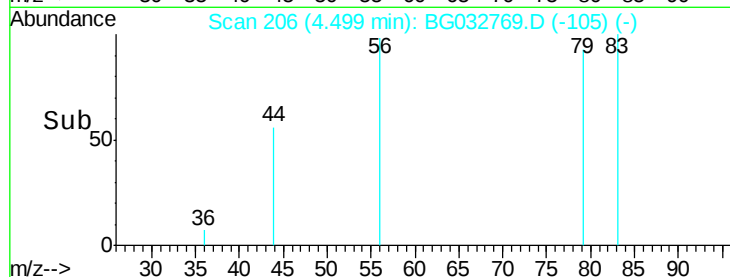
51 254.0 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.209 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.05 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

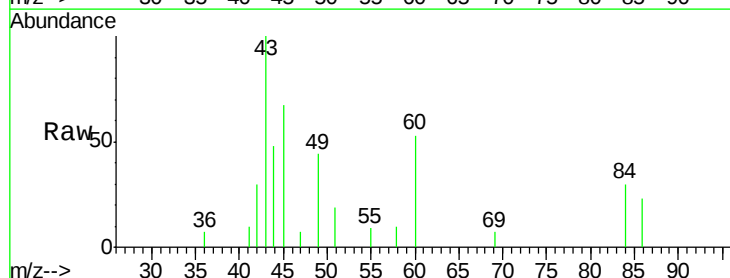
Tgt Ion: 42 Resp: 457

Ion Ratio Lower Upper

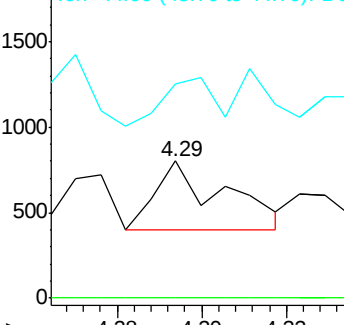
42 100

74 0.0 102.5 153.7#

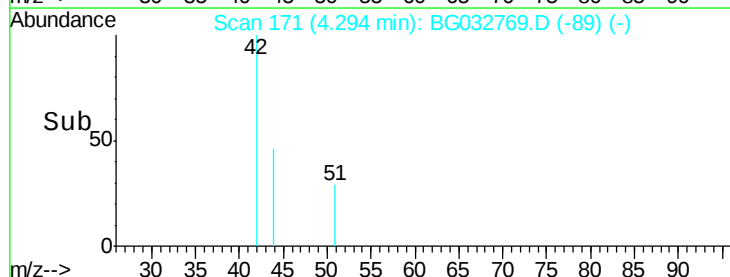
44 157.0 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 131.439 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.00 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

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ClientSampleId :

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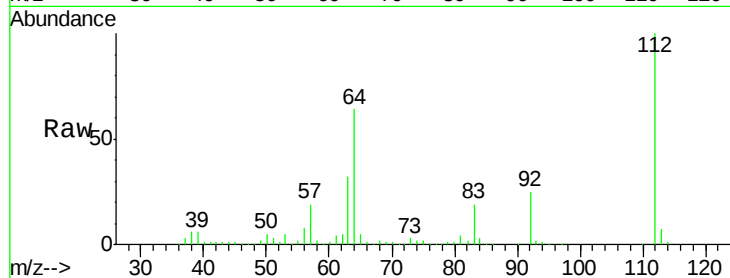
Tot Ion:112 Resp: 600312

Ion Ratio Lower Upper

112 100

64 63.8 56.3 84.5

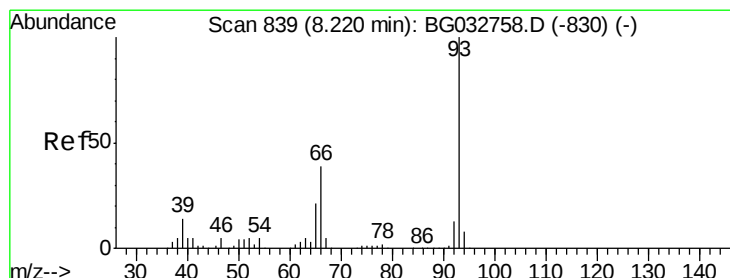
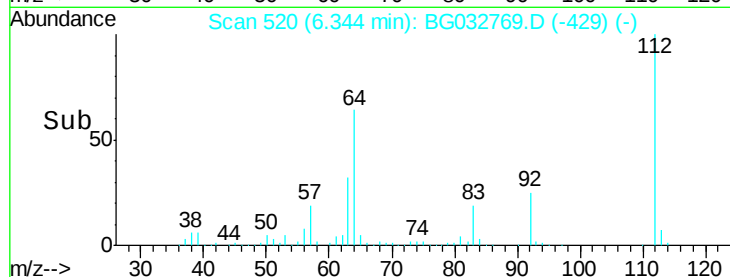
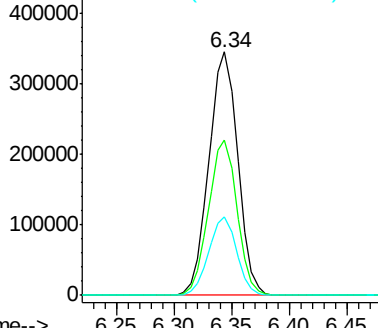
63 32.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.114 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.22 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

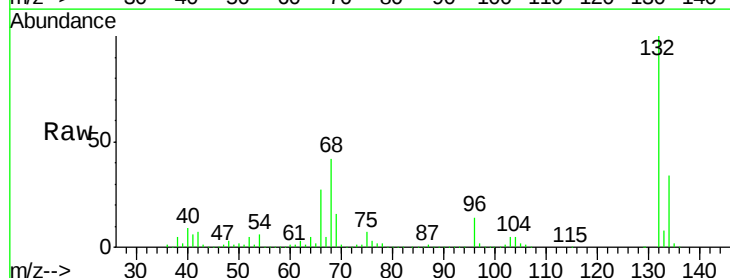
Tgt Ion: 93 Resp: 984

Ion Ratio Lower Upper

93 100

66 18182.9 33.7 50.5#

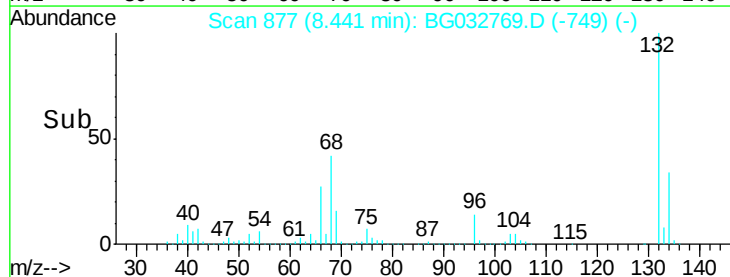
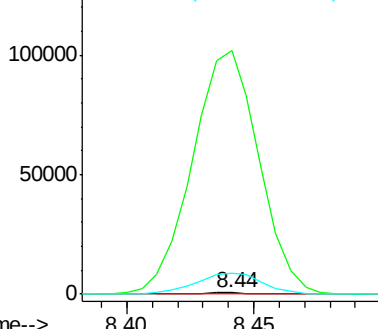
65 1549.6 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.409 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

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ClientSampled :

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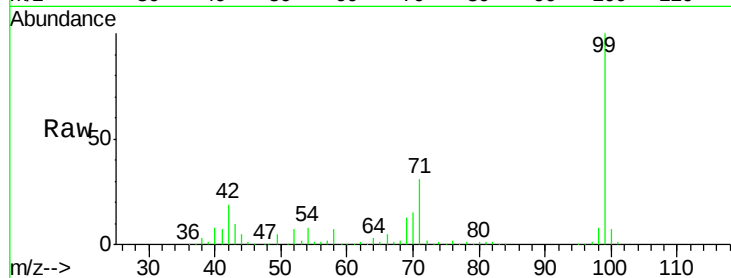
Tot Ion: 99 Resp: 709240

Ion Ratio Lower Upper

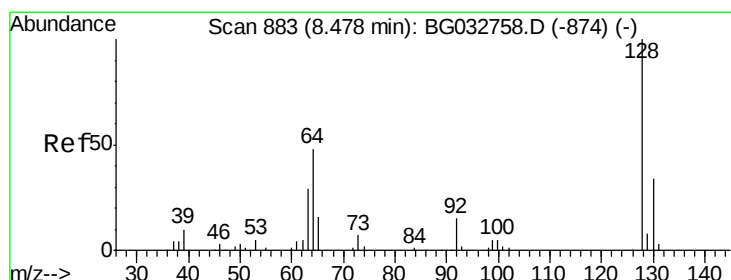
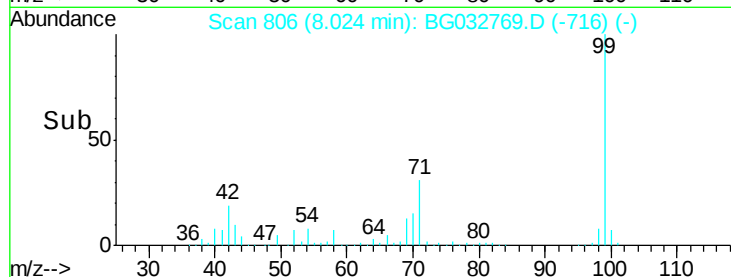
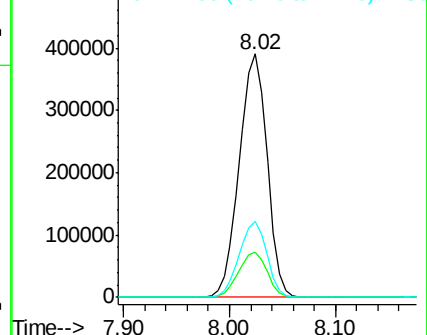
99 100

42 18.8 14.1 21.1

71 31.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 0.012 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

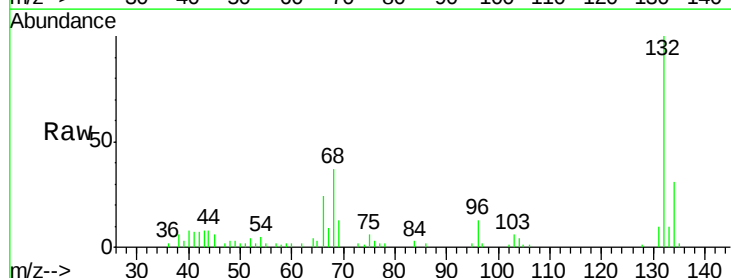
Tgt Ion: 128 Resp: 61

Ion Ratio Lower Upper

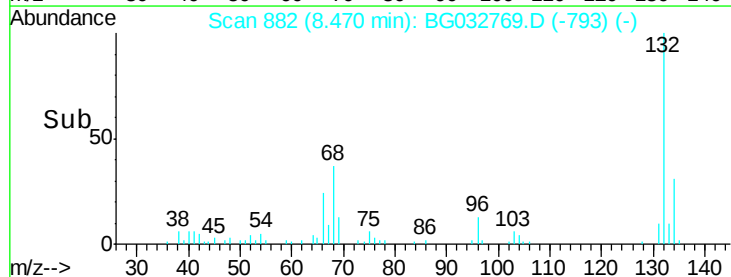
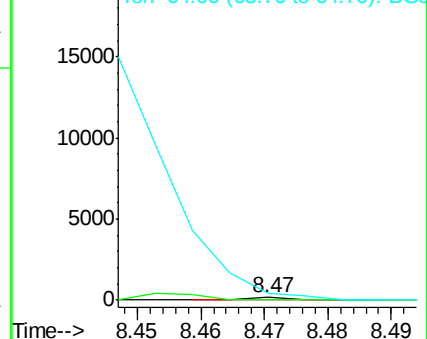
128 100

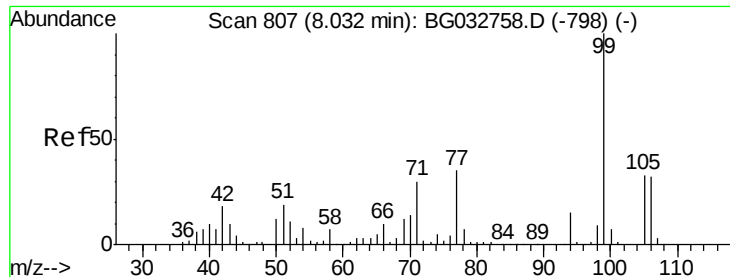
130 0.0 14.0 54.0#

64 263.0 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyd

Concen: 0.262 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG032769.D

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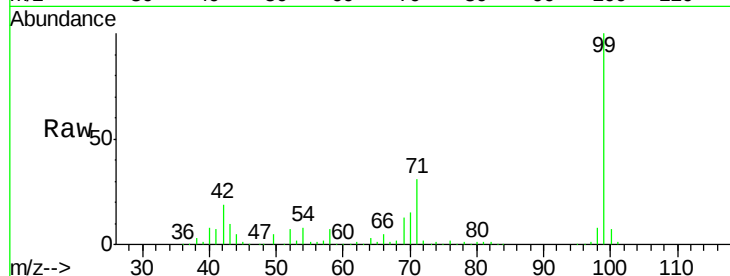
Tot Ion: 77 Resp: 963

Ion Ratio Lower Upper

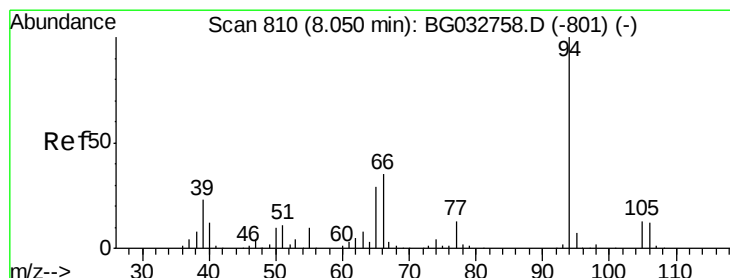
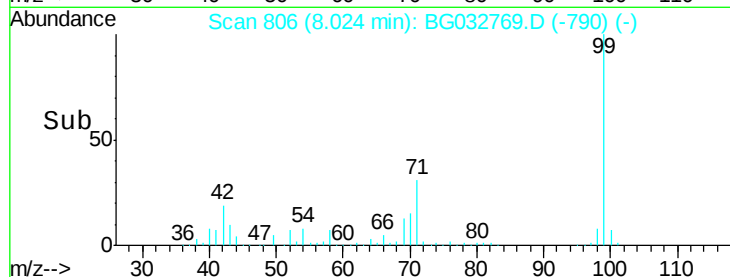
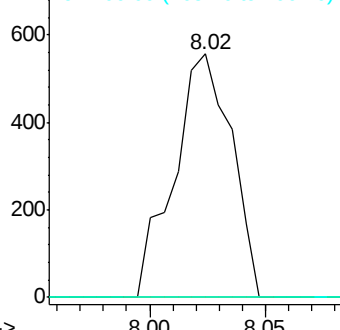
77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.010 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.03 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

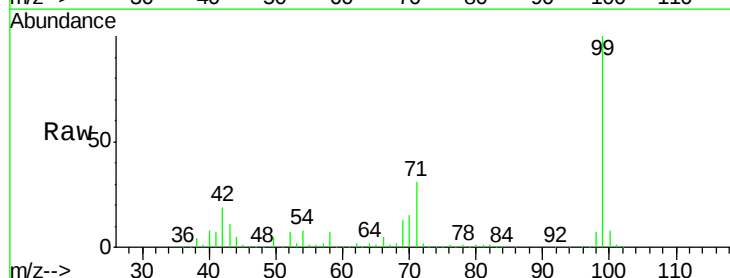
Tgt Ion: 94 Resp: 62

Ion Ratio Lower Upper

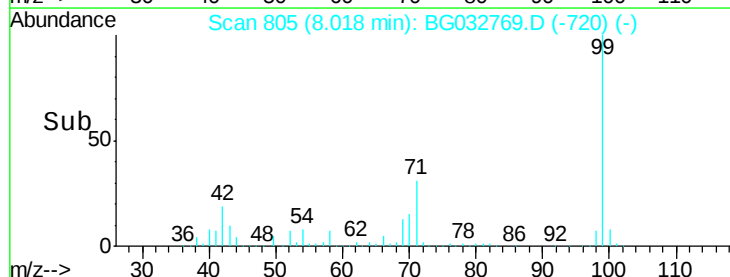
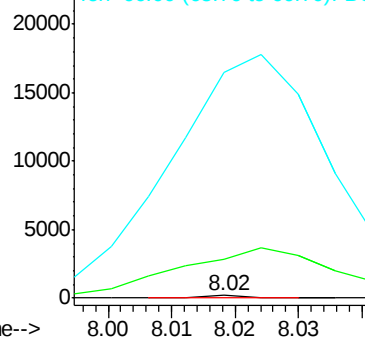
94 100

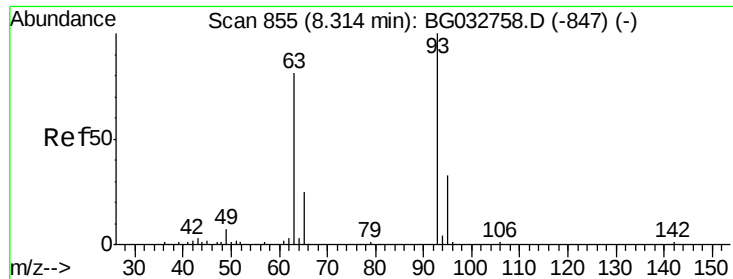
65 1599.4 11.9 51.9#

66 9412.6 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

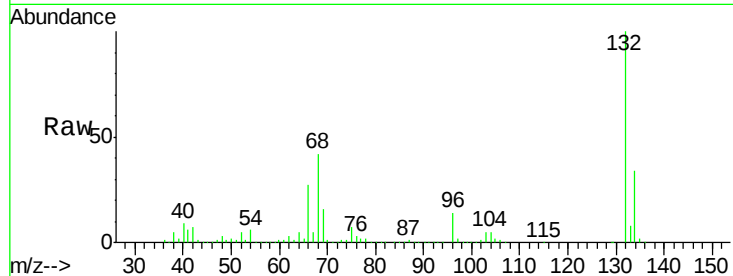




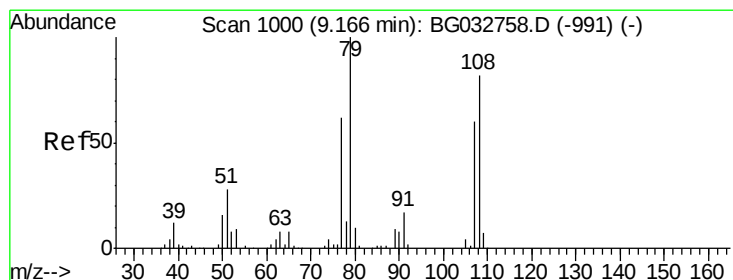
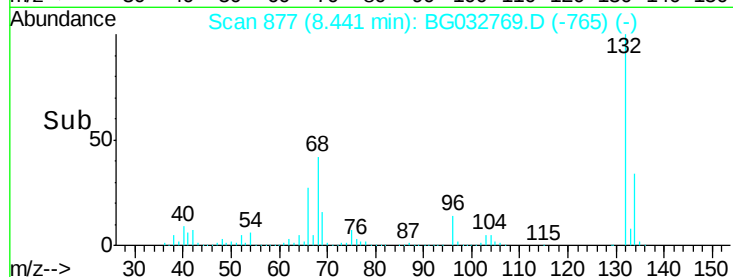
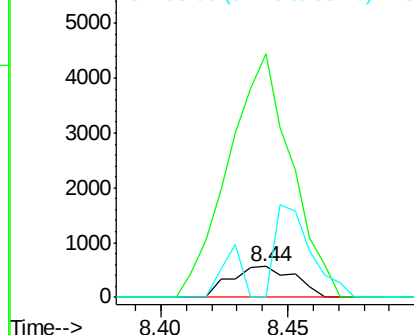
#11
bis(2-Chloroethyl)ether
Concen: 0.188 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.13 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion: 93 Resp: 984
Ion Ratio Lower Upper
93 100
63 793.8 67.1 107.1#
95 0.0 11.5 51.5#

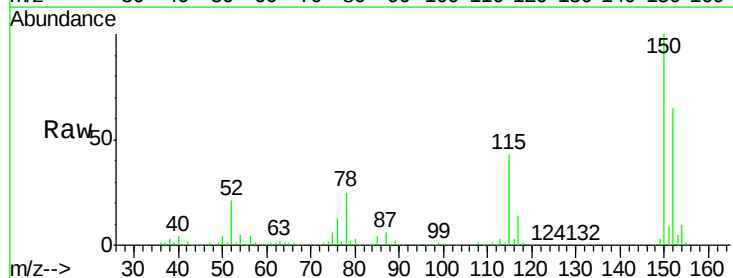


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

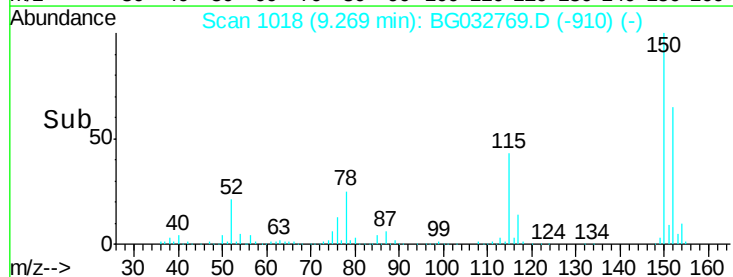
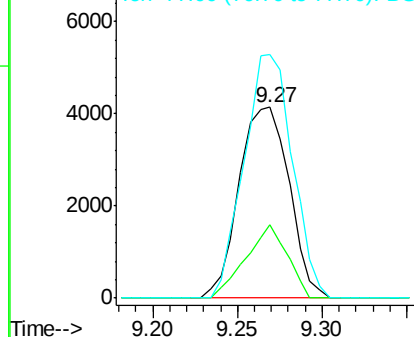


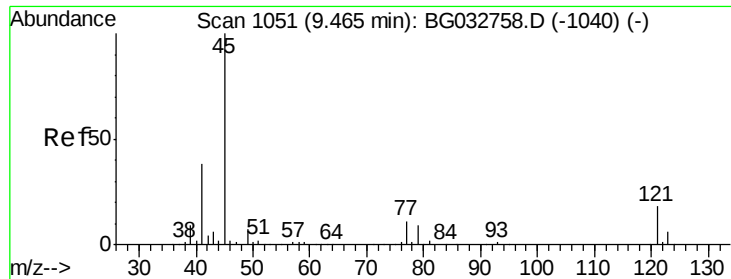
#15
Benzyl Alcohol
Concen: 1.822 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.10 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion: 79 Resp: 8527
Ion Ratio Lower Upper
79 100
108 38.2 57.2 85.8#
77 127.4 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

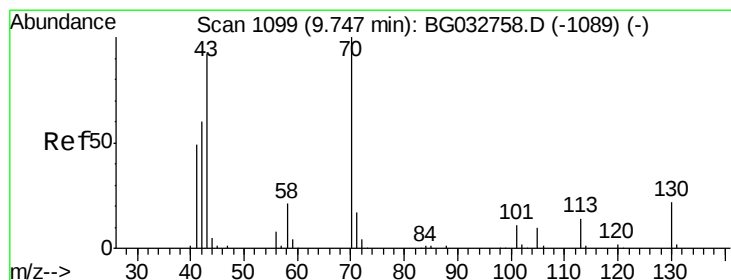
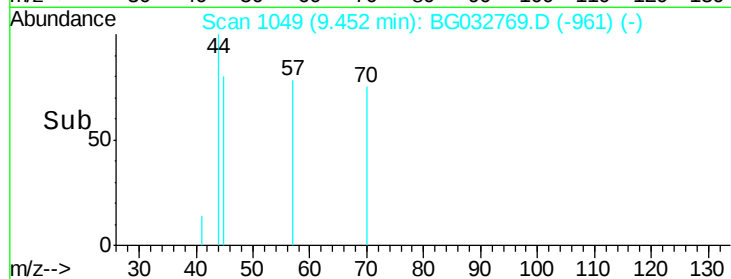
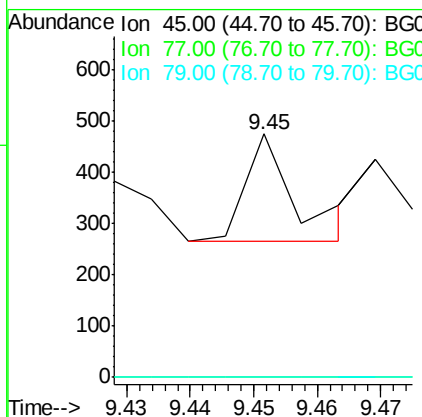
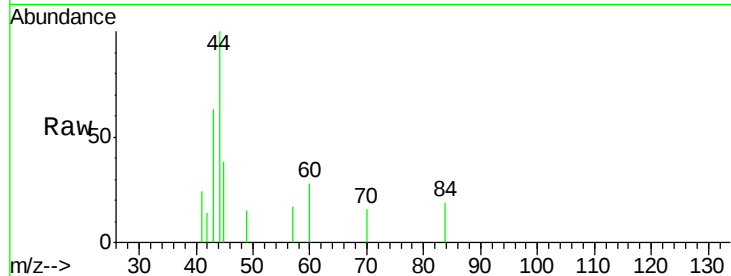




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.013 ng
RT: 9.45 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

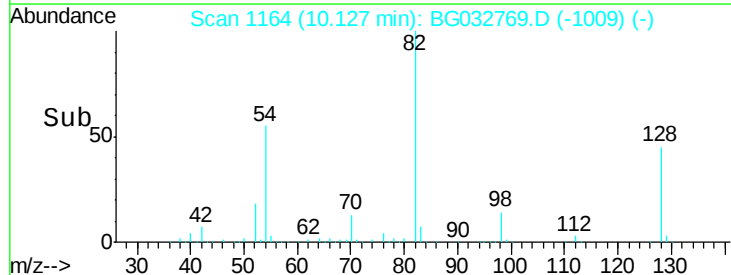
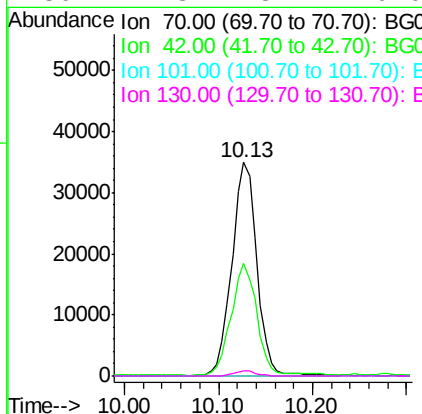
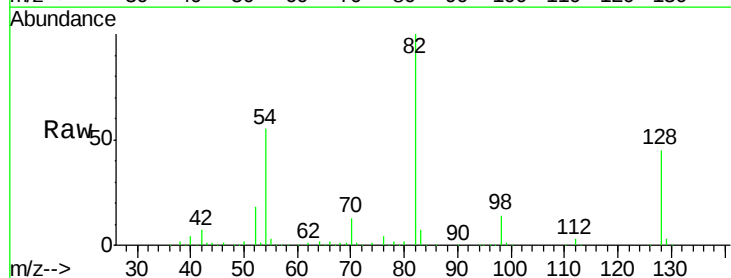
Instrument :
BNA_G
ClientSampleId :
TP-3

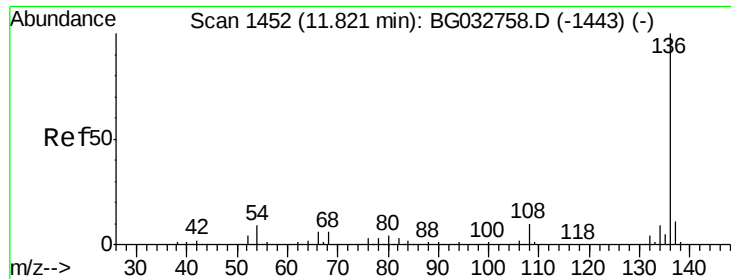
Tot Ion: 45 Resp: 113
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.408 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.38 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion: 70 Resp: 64753
Ion Ratio Lower Upper
70 100
42 52.6 49.1 73.7
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#

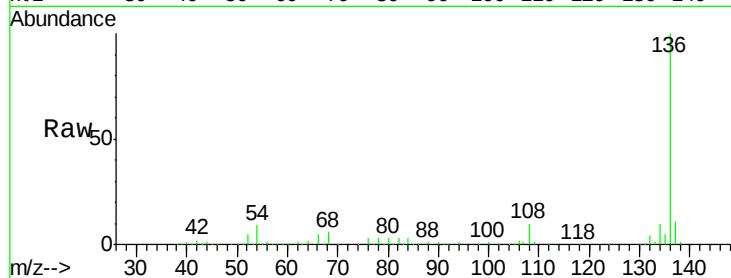




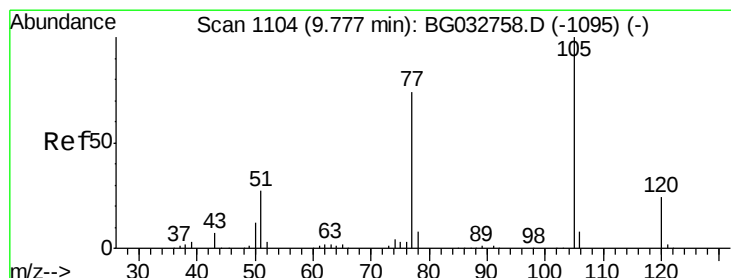
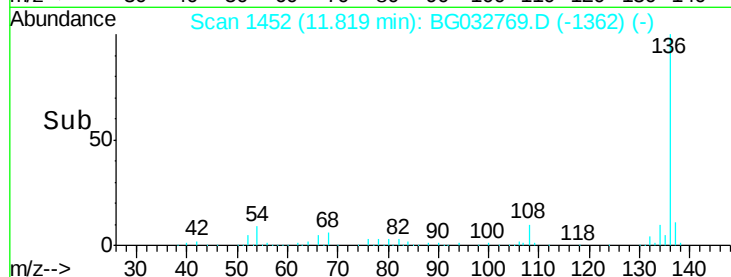
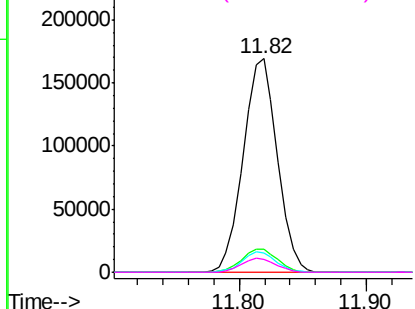
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.82 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:136	Resp:	314760
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	8.9	10.3 15.5#
68	6.1	4.5 6.7

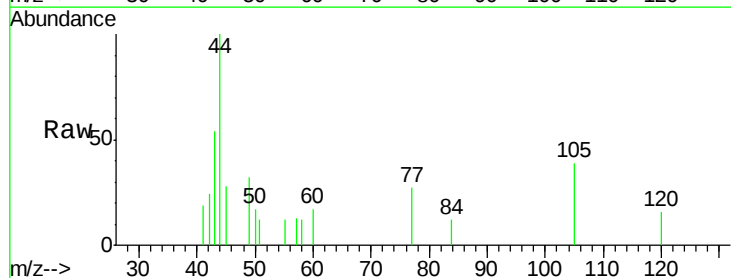


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

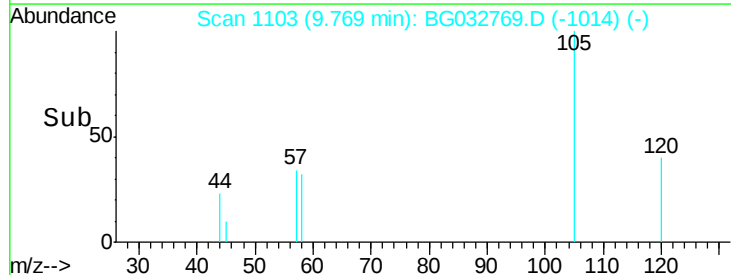
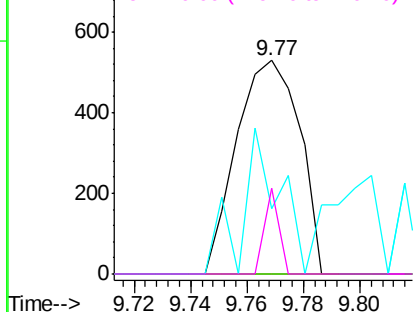


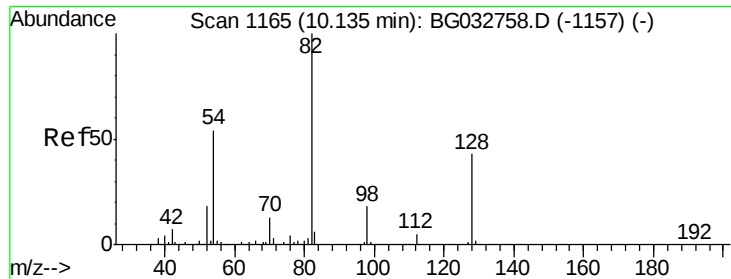
#22
Acetophenone
Concen: 0.103 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion:105	Resp:	818
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	30.4	26.1 39.1
120	40.2	17.4 26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

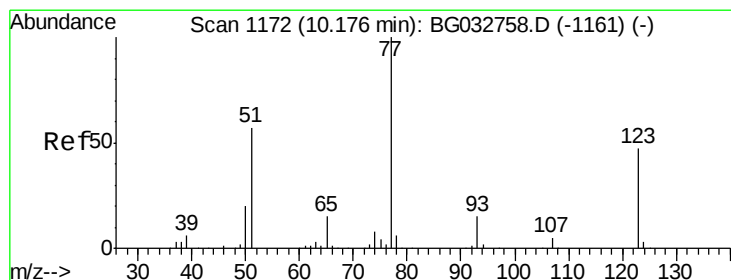
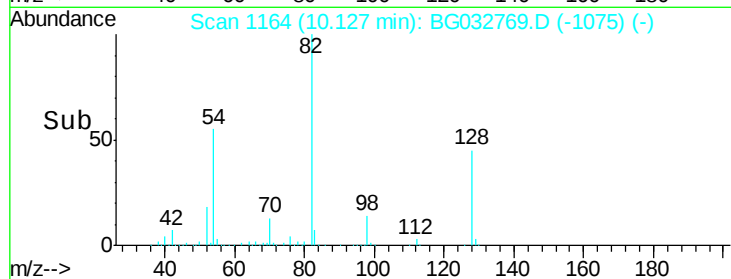
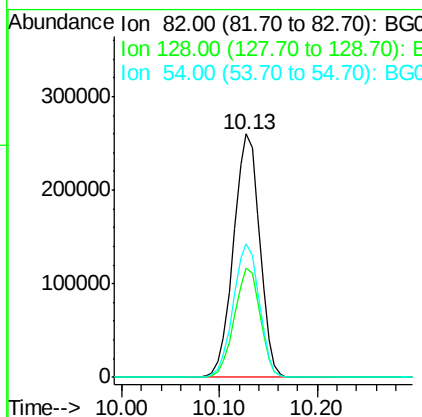
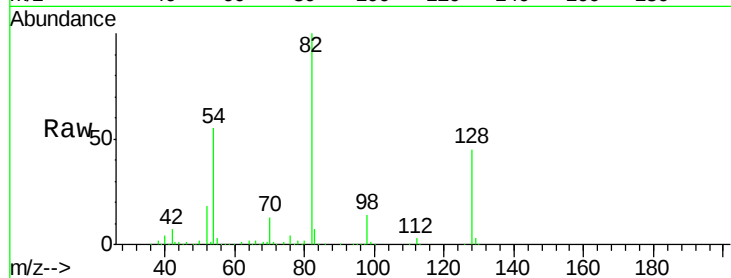




#23
 Nitrobenzene-d5
 Concen: 104.377 ng
 RT: 10.13 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

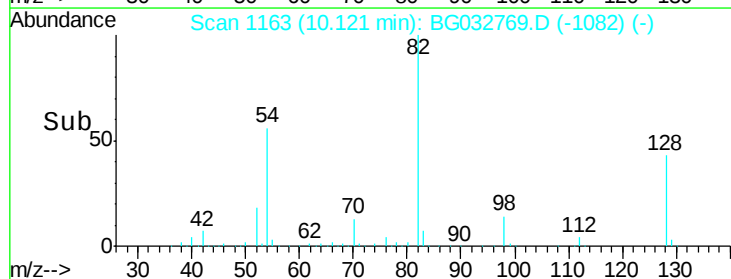
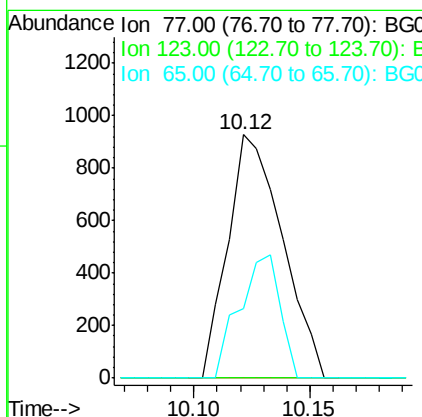
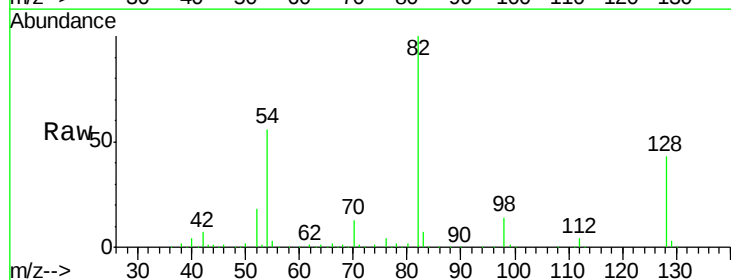
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

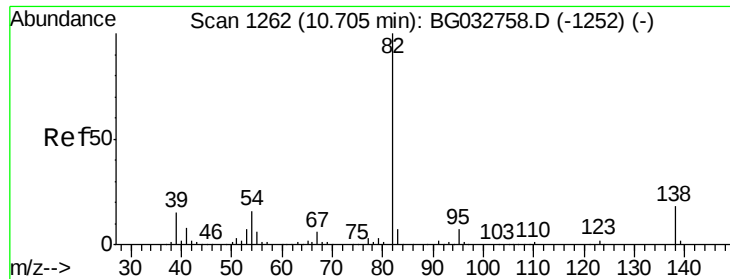
Tot Ion: 82 Resp: 485033
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 55.0 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.644 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.05 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Tgt Ion: 77 Resp: 1524
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 28.3 13.0 19.6#





#25

Isophorone

Concen: 0.006 ng

RT: 10.83 min Scan# 1283

Delta R.T. 0.12 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

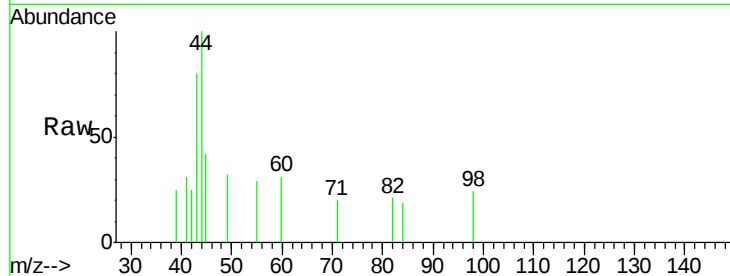
Tot Ion: 82 Resp: 61

Ion Ratio Lower Upper

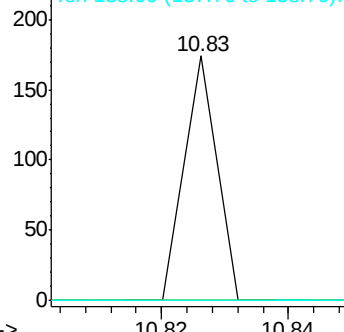
82 100

95 0.0 6.2 9.2#

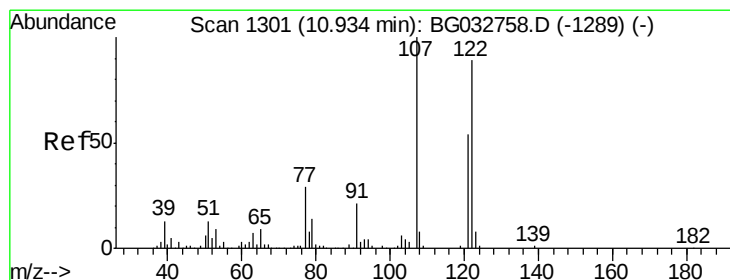
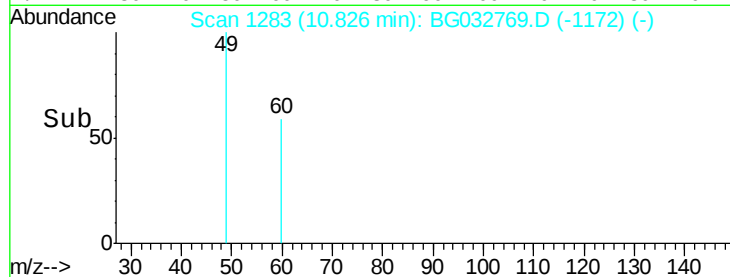
138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#27

2,4-Dimethylphenol

Concen: 0.012 ng

RT: 10.96 min Scan# 1305

Delta R.T. 0.02 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

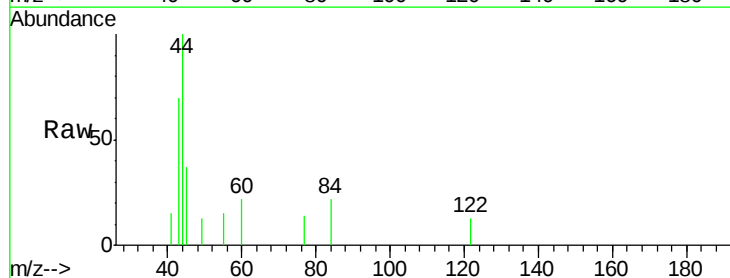
Tgt Ion: 122 Resp: 56

Ion Ratio Lower Upper

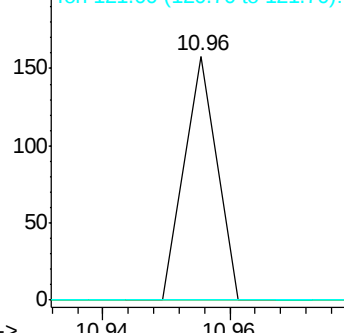
122 100

107 0.0 100.2 150.2#

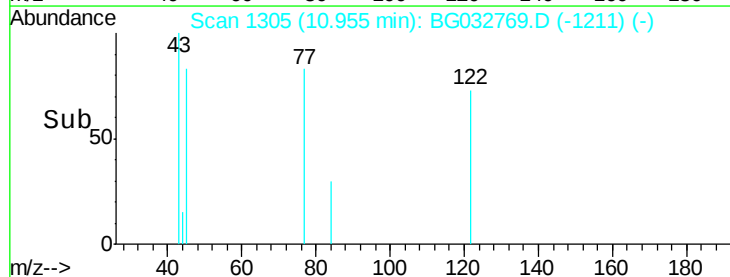
121 0.0 44.4 66.6#

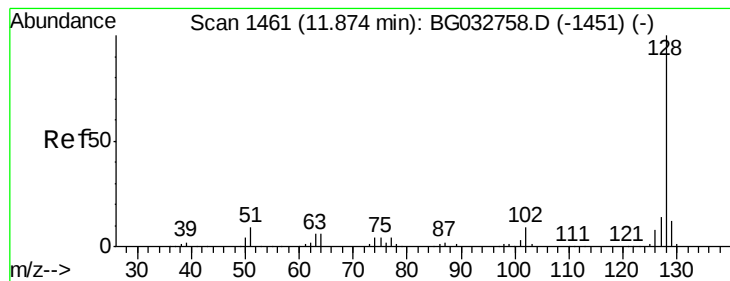


Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC



Time-->





#31

Naphthalene

Concen: 0.514 ng

RT: 11.87 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

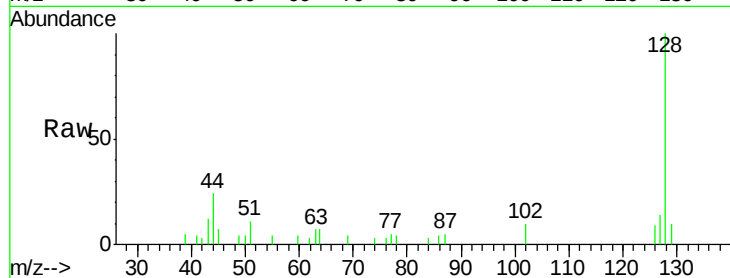
Tot Ion:128 Resp: 8461

Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

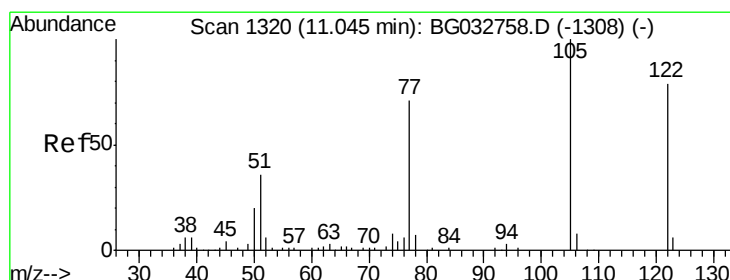
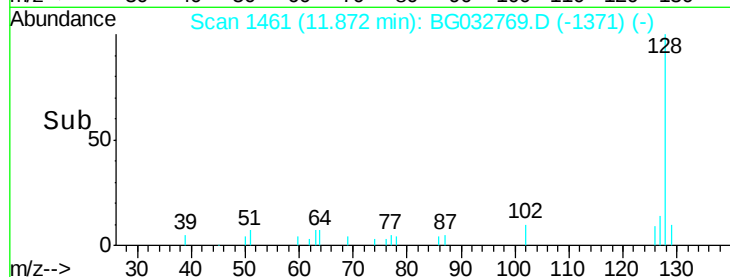
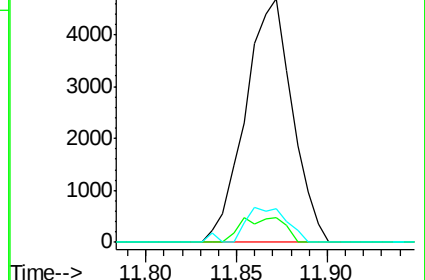
127 14.0 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.837 ng

RT: 10.96 min Scan# 1305

Delta R.T. -0.09 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

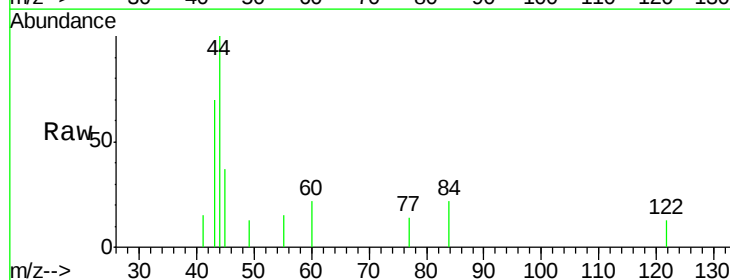
Tgt Ion:122 Resp: 56

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

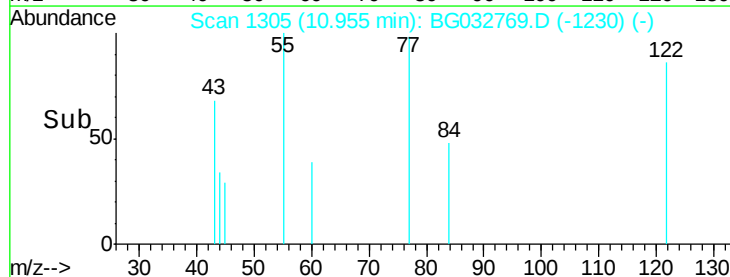
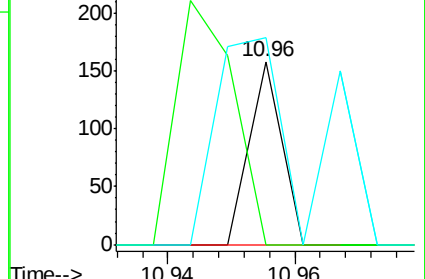
77 113.3 85.7 125.7

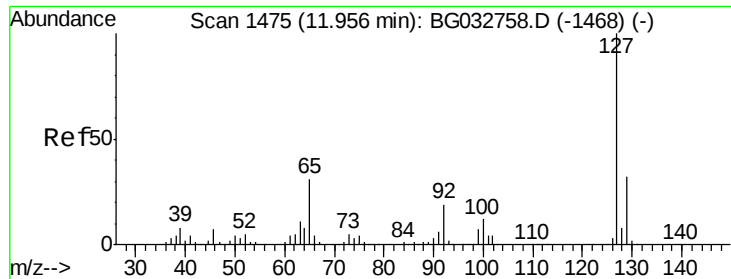


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

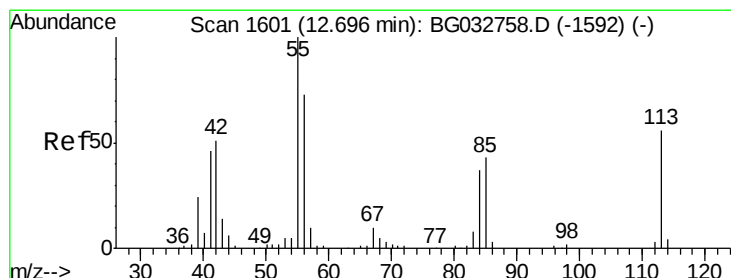
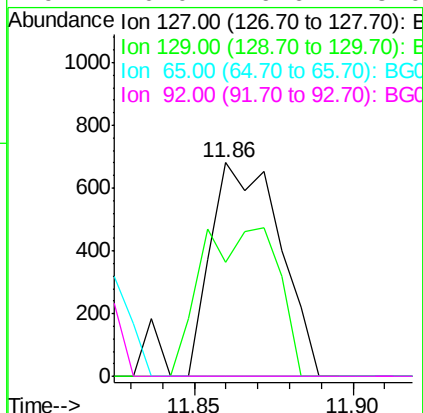
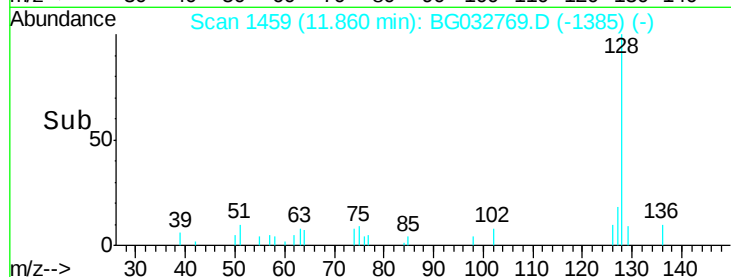
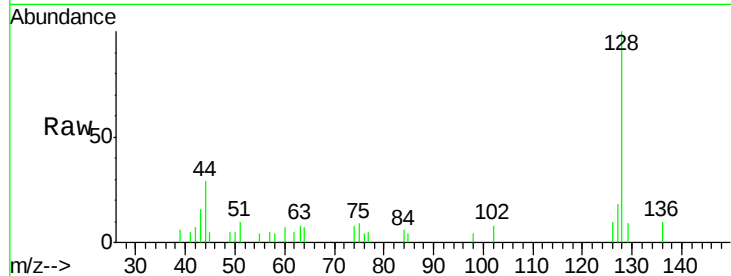




#33
4-Chloroaniline
Concen: 0.140 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.10 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

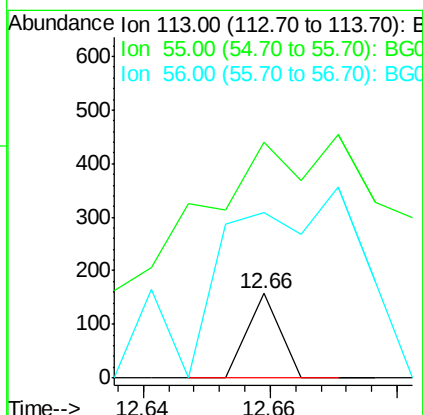
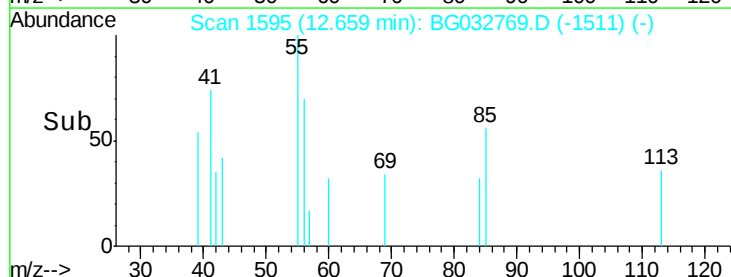
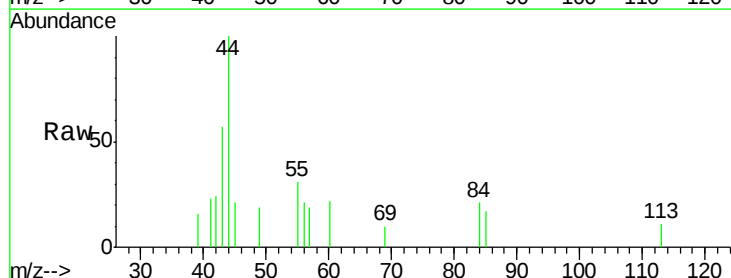
Instrument :
BNA_G
ClientSampled :
TP-3

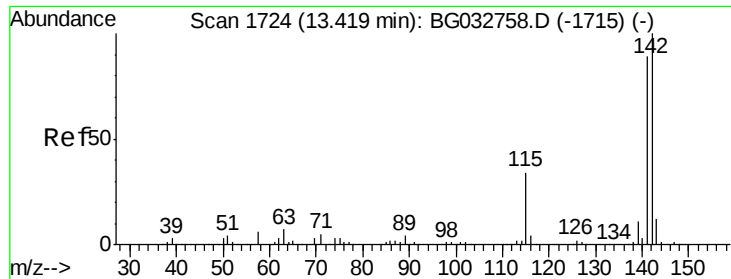
Tot Ion:127	Resp:	1029
Ion Ratio	Lower	Upper
127	100	
129	53.3	24.0 36.0#
65	0.0	27.0 40.4#
92	0.0	16.6 25.0#



#35
Caprolactam
Concen: 0.032 ng
RT: 12.66 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion:113	Resp:	56
Ion Ratio	Lower	Upper
113	100	
55	279.1	186.9 226.9#
56	195.6	130.9 170.9#

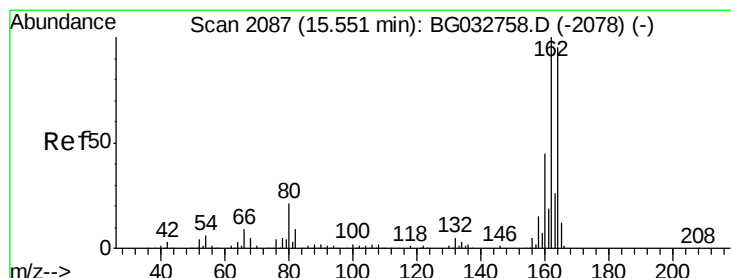
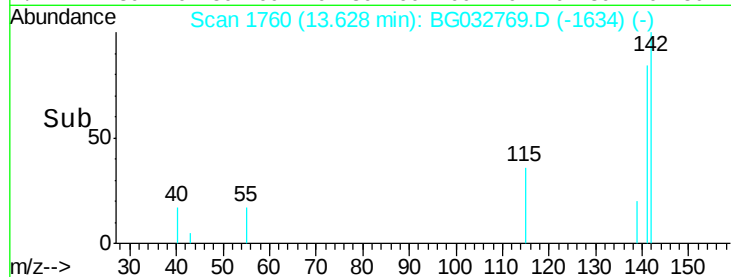
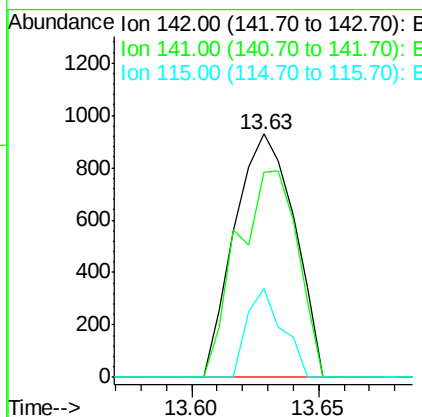
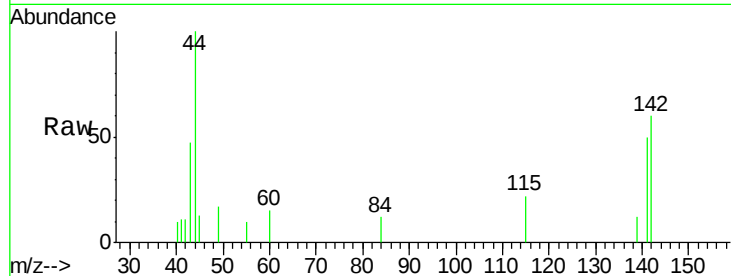




#37
2-Methylnaphthalene
Concen: 0.128 ng
RT: 13.63 min Scan# 1760
Delta R.T. 0.21 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

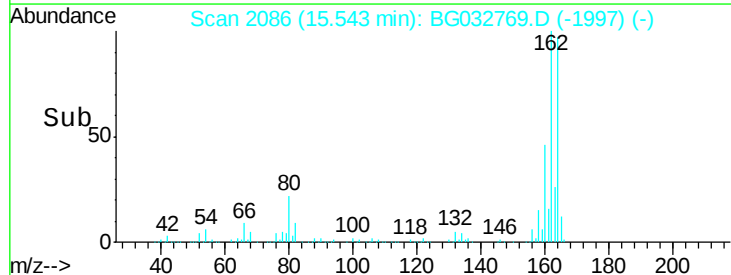
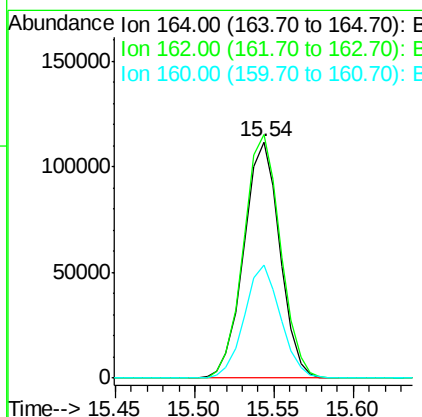
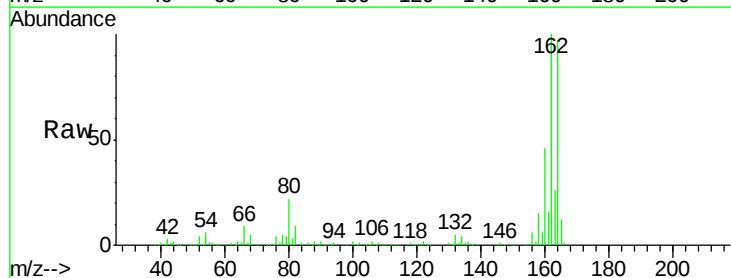
Instrument :
BNA_G
ClientSampled :
TP-3

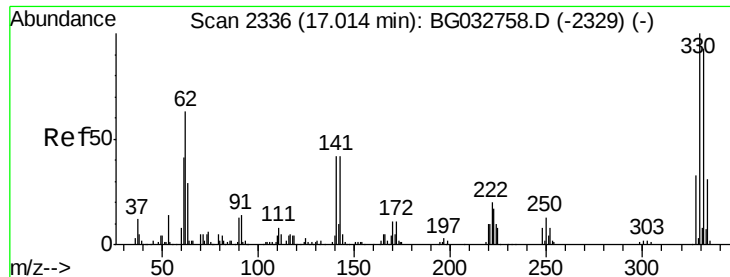
Tot Ion:142 Resp: 1527
Ion Ratio Lower Upper
142 100
141 84.5 67.1 100.7
115 36.3 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion:164 Resp: 176585
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 47.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 156.339 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampled :

TP-3

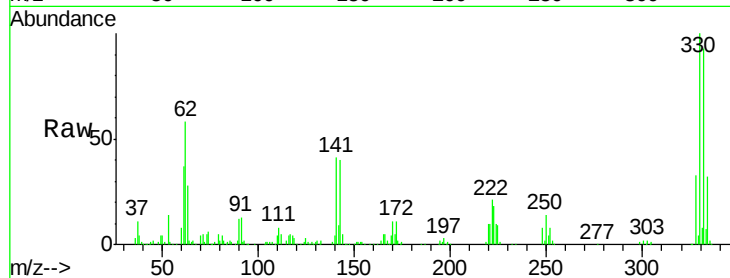
Tot Ion:330 Resp: 290279

Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

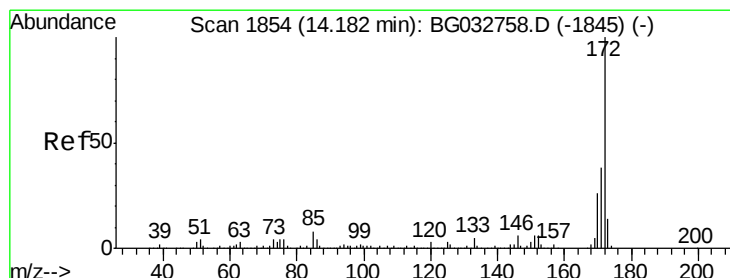
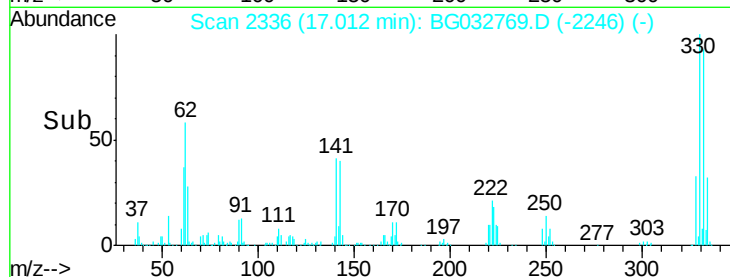
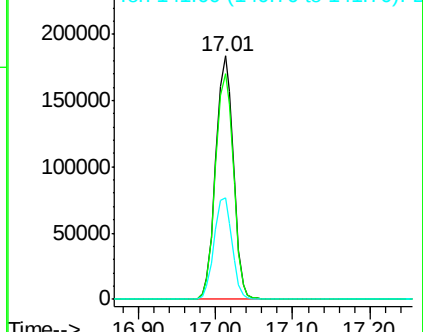
141 42.4 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 90.806 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

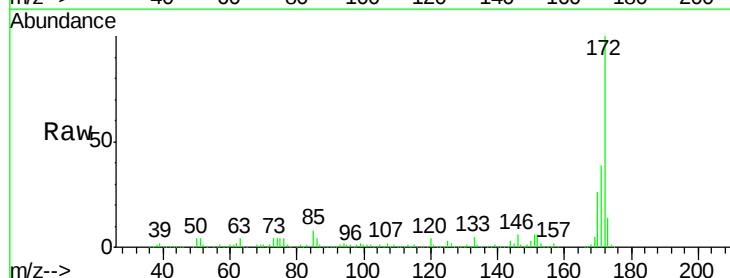
Tgt Ion:172 Resp: 1111801

Ion Ratio Lower Upper

172 100

171 38.9 30.0 45.0

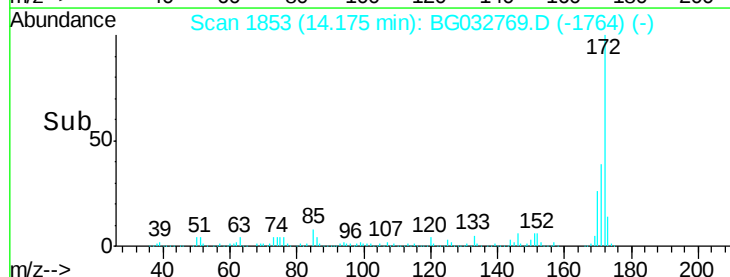
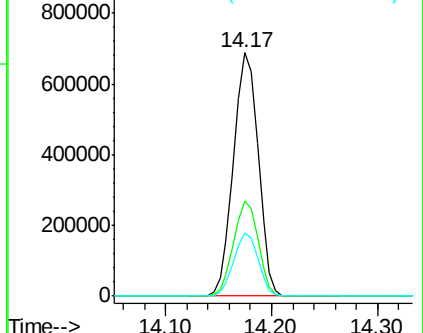
170 25.7 19.5 29.3

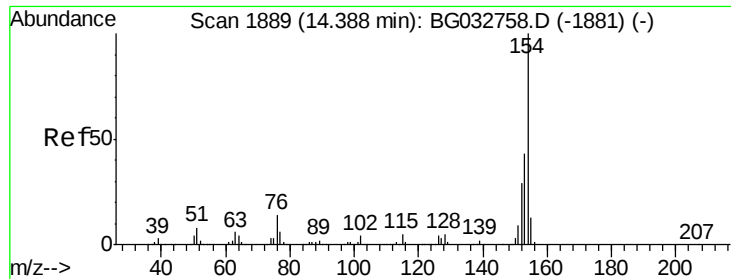


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

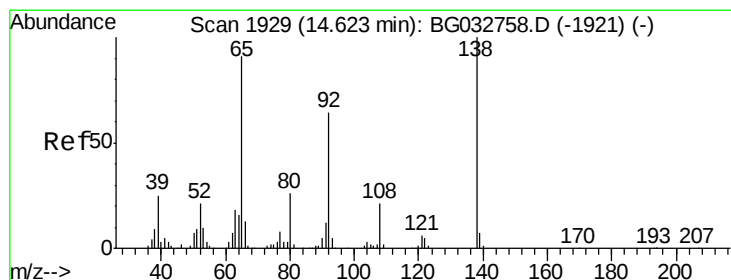
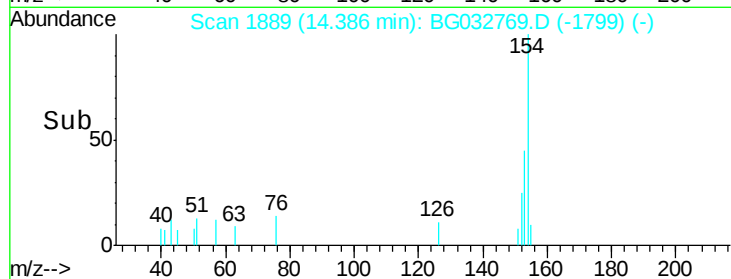
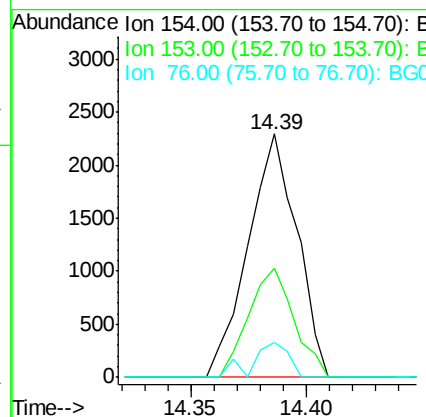
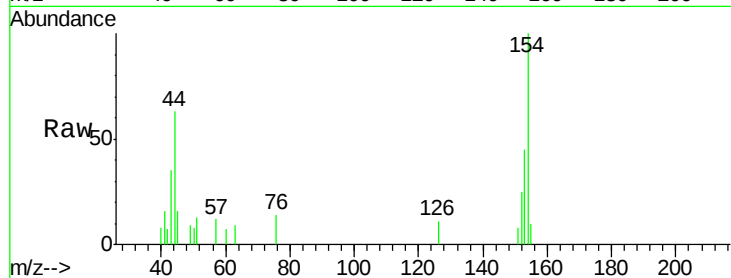




#45
 1,1'-Biphenyl
 Concen: 0.219 ng
 RT: 14.39 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

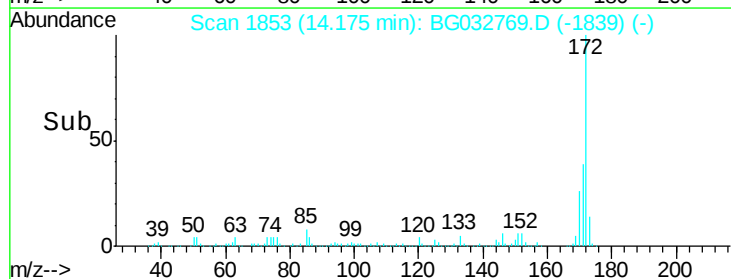
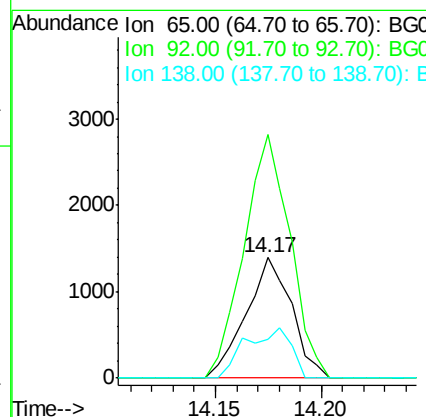
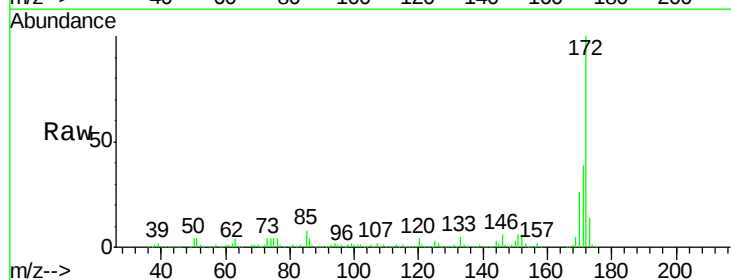
Instrument :
 BNA_G
 ClientSampleId :
 TP-3

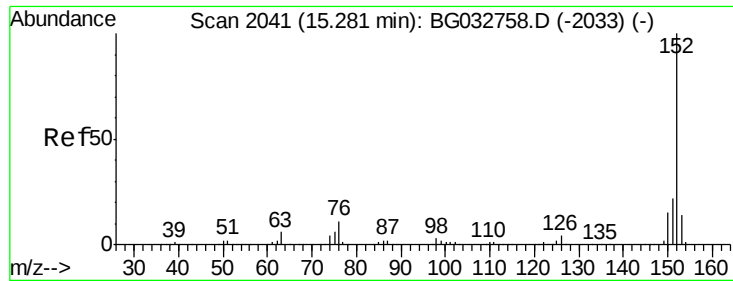
Tot Ion:	154	Resp:	3372
Ion	Ratio	Lower	Upper
154	100		
153	44.8	19.8	59.8
76	14.2	0.0	31.9



#47
 2-Nitroaniline
 Concen: 10.408 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.45 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Tgt Ion:	65	Resp:	2091
Ion	Ratio	Lower	Upper
65	100		
92	202.2	54.6	82.0#
138	32.3	72.9	109.3#





#48

Acenaphthylene

Concen: 0.016 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

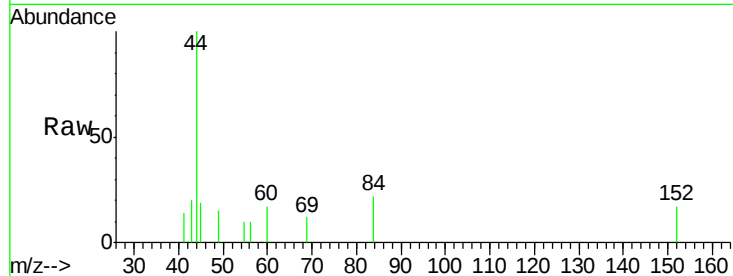
Tot Ion:152 Resp: 311

Ion Ratio Lower Upper

152 100

151 0.0 17.2 25.8#

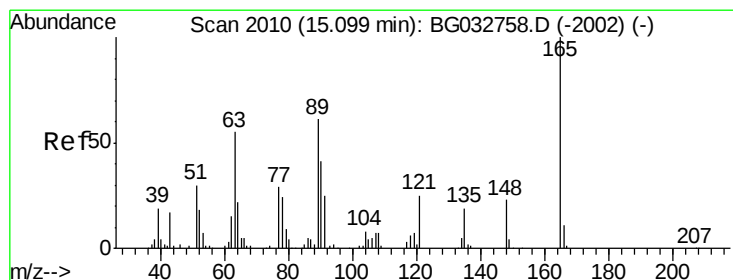
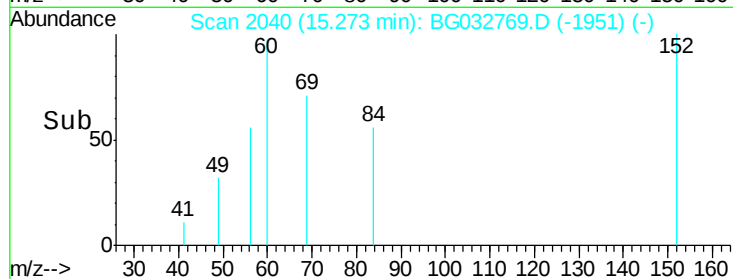
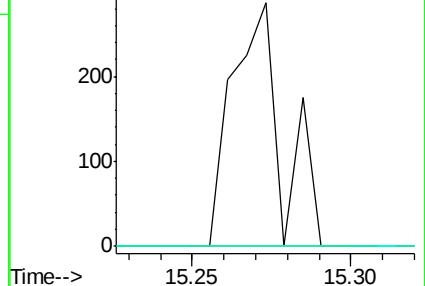
153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 16.458 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.45 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

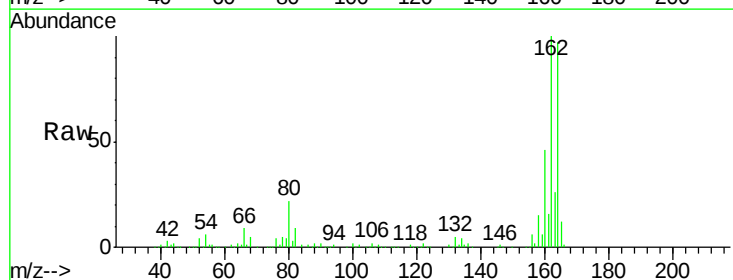
Tgt Ion:165 Resp: 23032

Ion Ratio Lower Upper

165 100

63 1.5 52.7 79.1#

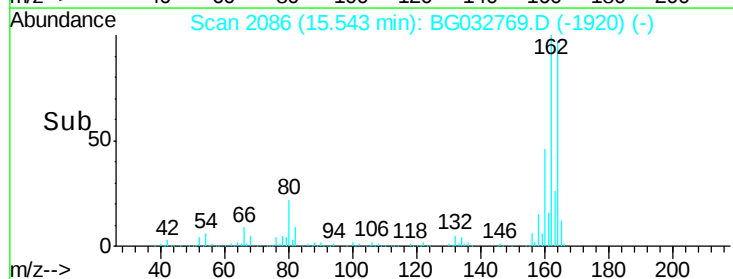
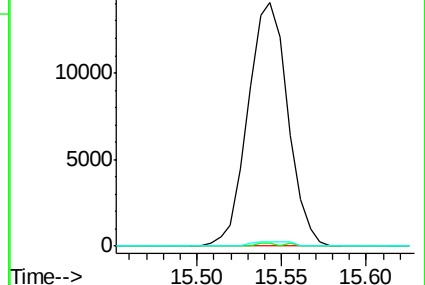
89 1.6 49.2 73.8#

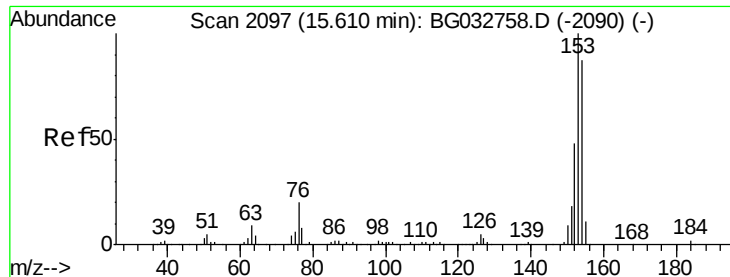


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.143 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

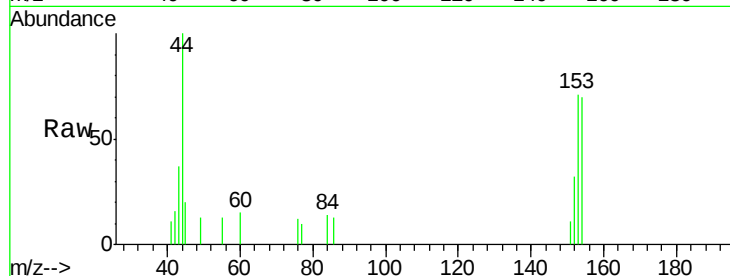
Tot Ion:154 Resp: 1681

Ion Ratio Lower Upper

154 100

153 100.5 90.4 135.6

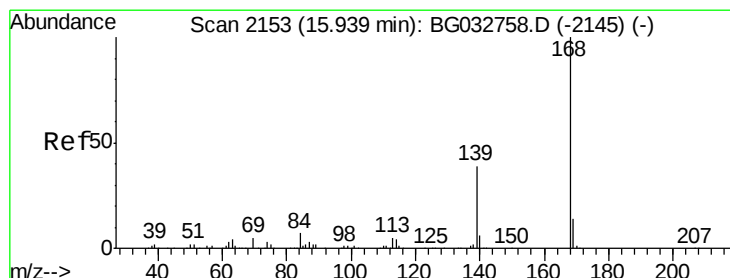
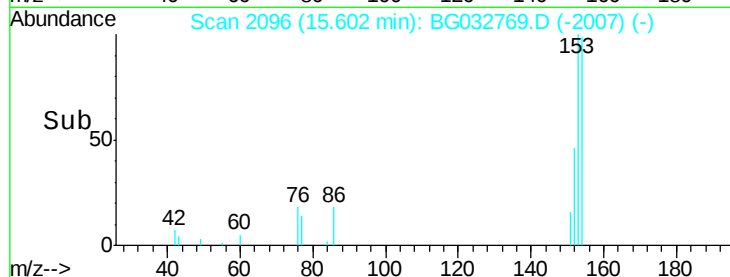
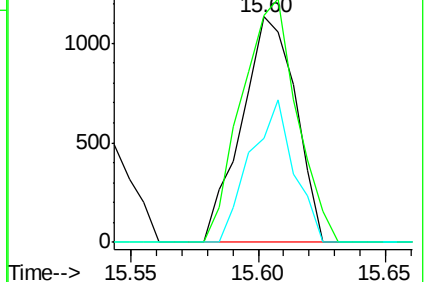
152 46.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.098 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

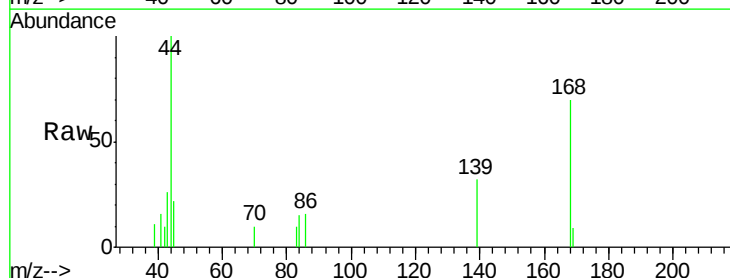
Tgt Ion:168 Resp: 1646

Ion Ratio Lower Upper

168 100

139 46.0 28.6 43.0#

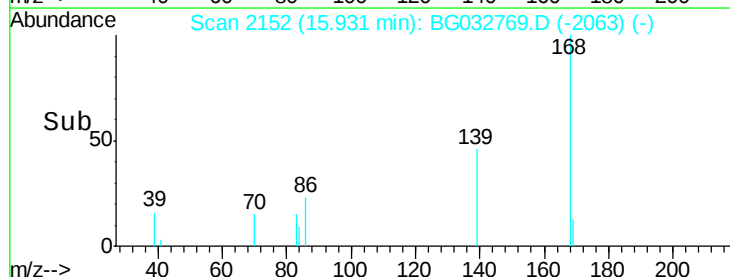
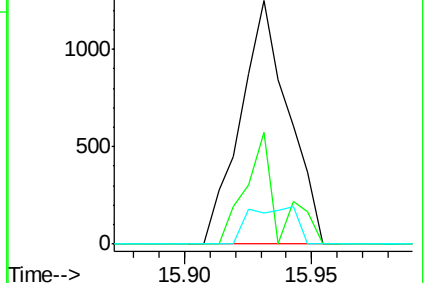
169 12.5 11.2 16.8

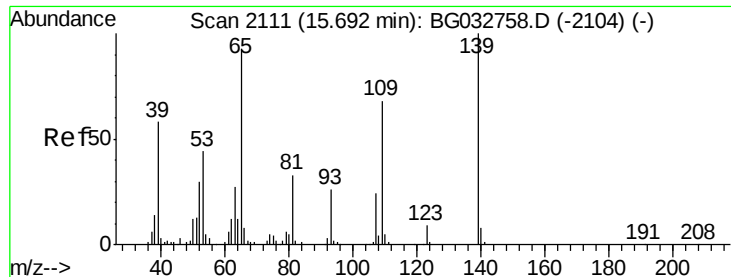


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

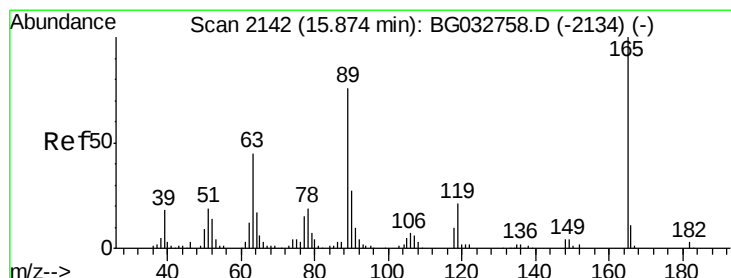
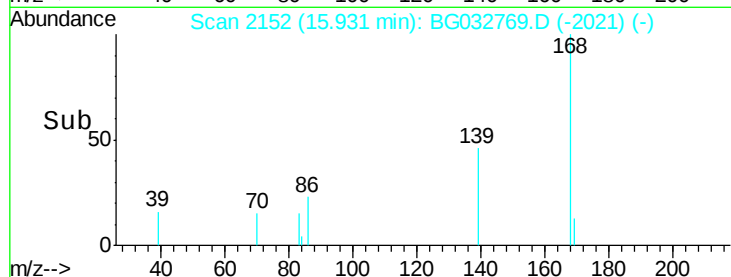
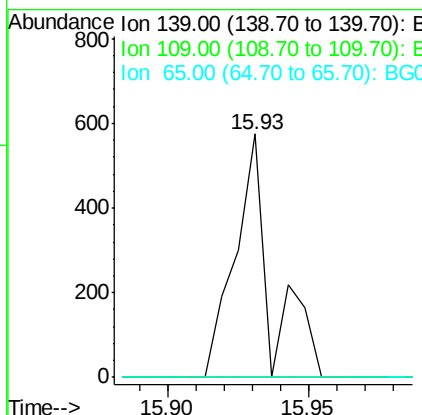
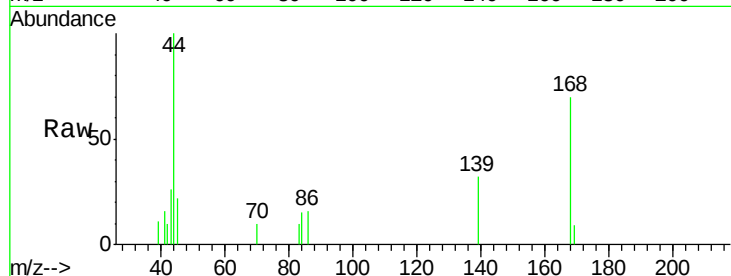




#55
4-Nitrophenol
Concen: 7.270 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.24 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

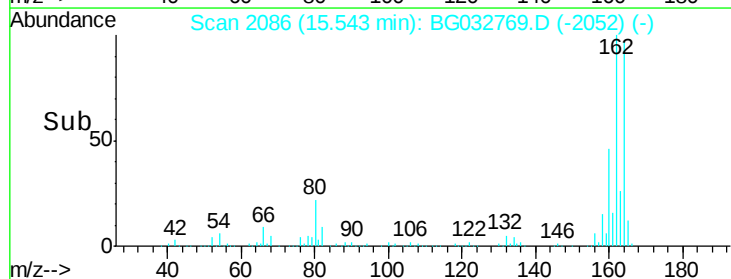
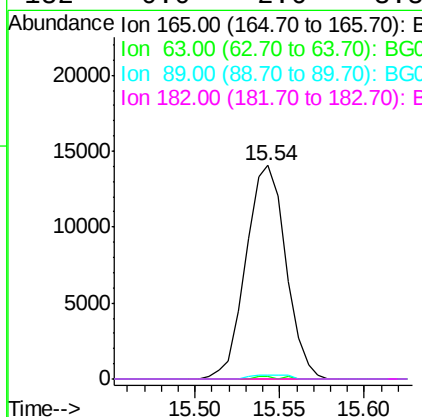
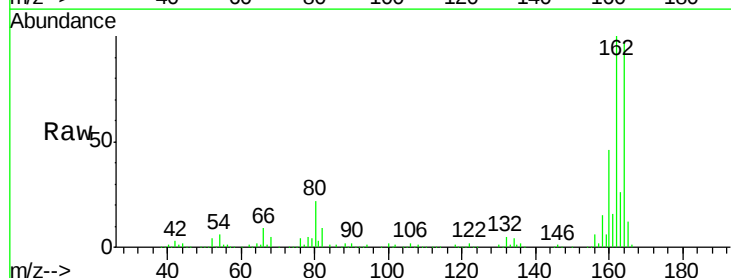
Instrument :
BNA_G
ClientSampleId :
TP-3

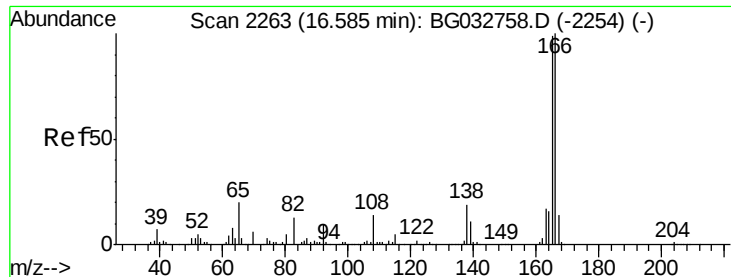
Tot Ion:139 Resp: 511
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 14.657 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.33 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion:165 Resp: 23032
Ion Ratio Lower Upper
165 100
63 1.5 42.0 63.0#
89 1.6 66.9 100.3#
182 0.0 2.6 3.8#

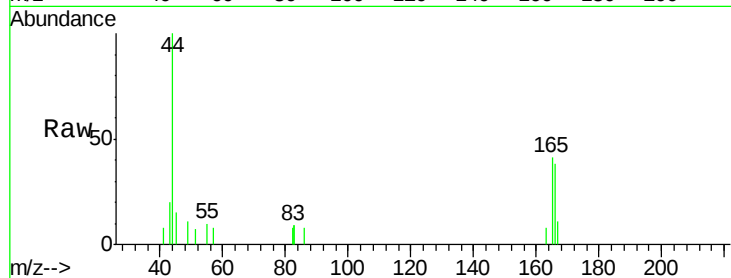




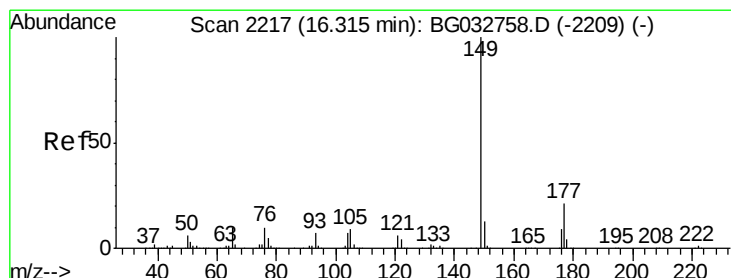
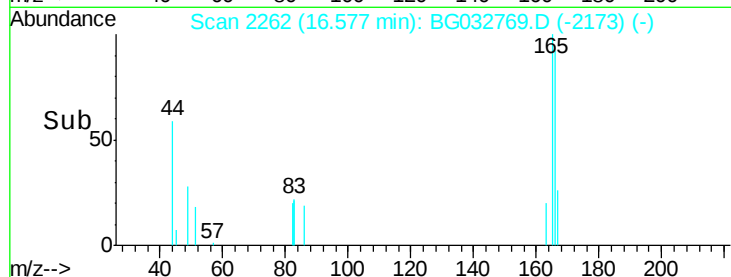
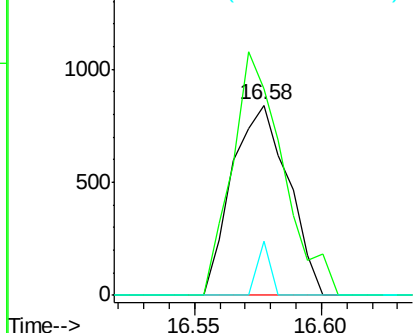
#57
 Fluorene
 Concen: 0.094 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.6	80.6	121.0
167	28.4	10.4	15.6#

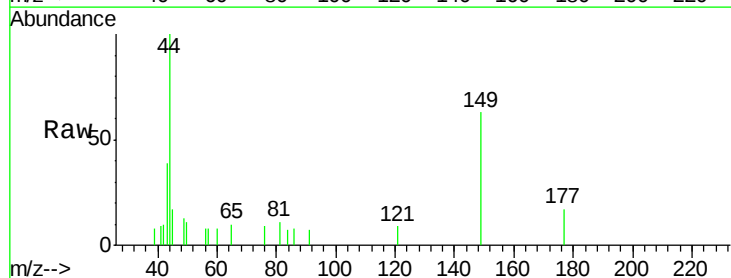


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

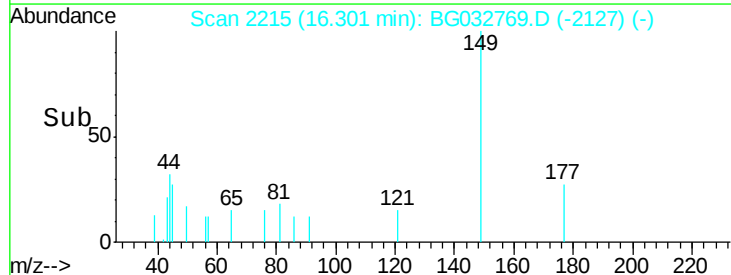
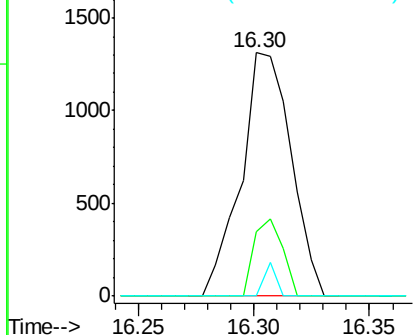


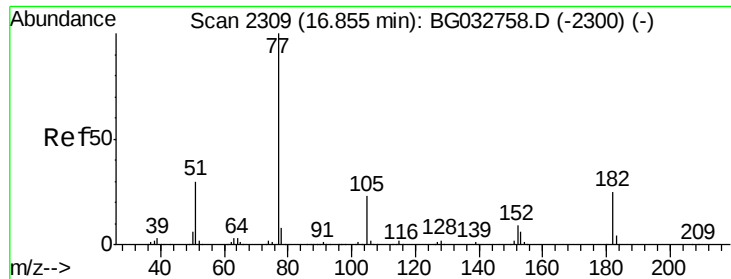
#59
 Diethylphthalate
 Concen: 0.126 ng
 RT: 16.30 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.6	18.5	27.7
150	0.0	10.2	15.2#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.004 ng

RT: 16.86 min Scan# 2311

Delta R.T. 0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

Tot Ion: 77 Resp: 54

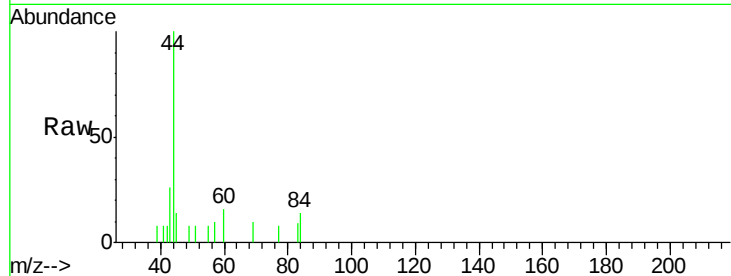
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 105.9 11.6 51.6#

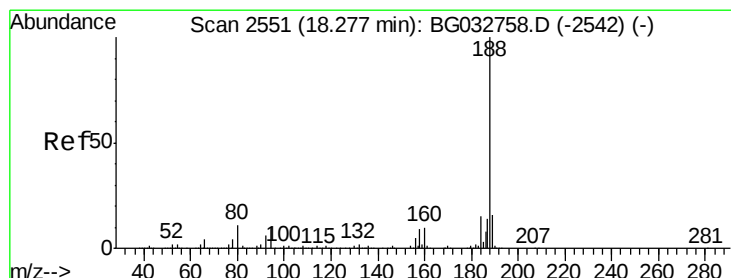
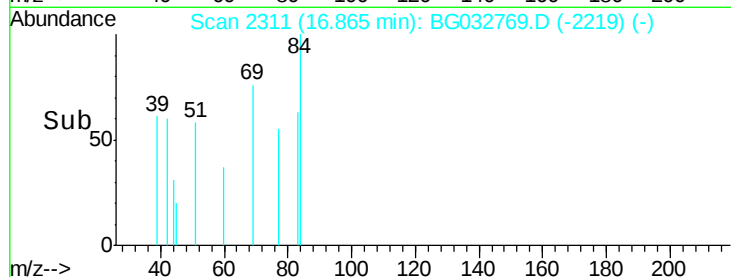
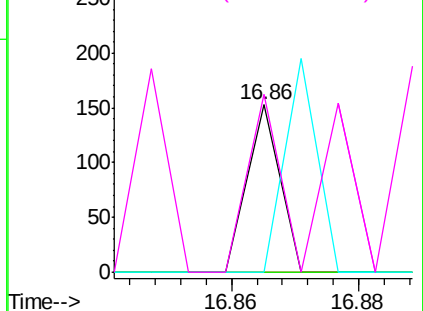


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

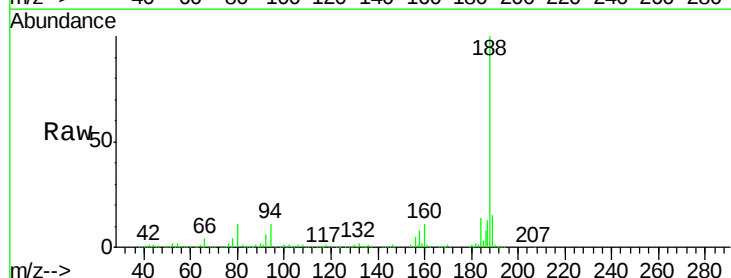
Tgt Ion: 188 Resp: 396855

Ion Ratio Lower Upper

188 100

94 11.0 6.9 10.3#

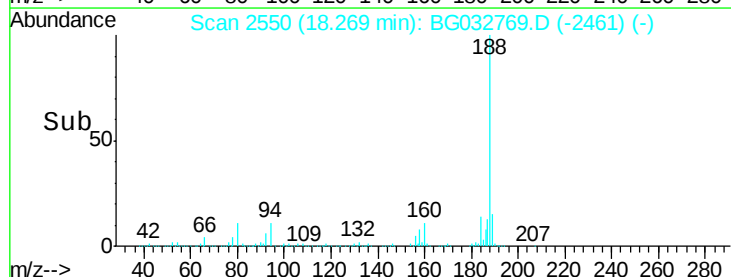
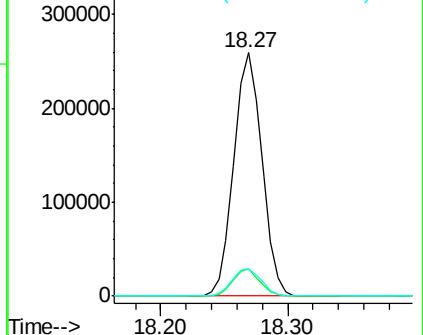
80 11.1 7.7 11.5

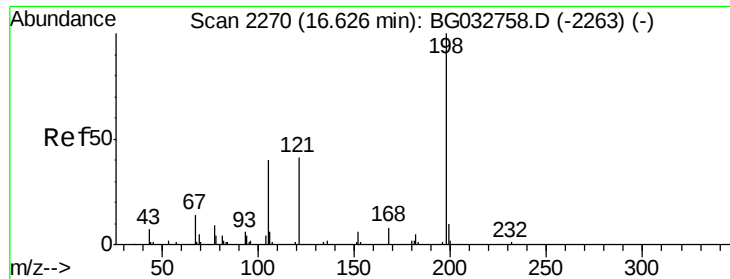


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#64

4,6-Dinitro-2-methylphenol

Concen: 5.675 ng

RT: 17.01 min Scan# 2335

Delta R.T. 0.38 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

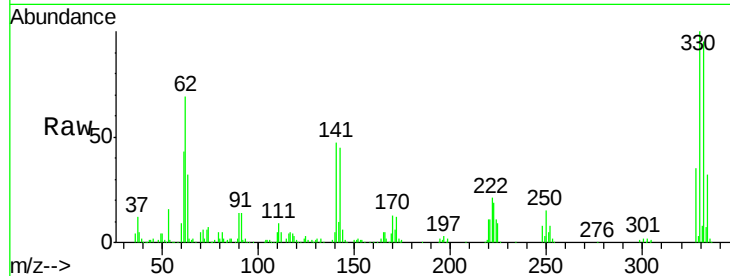
Tot Ion:198 Resp: 678

Ion Ratio Lower Upper

198 100

51 178.1 30.6 70.6#

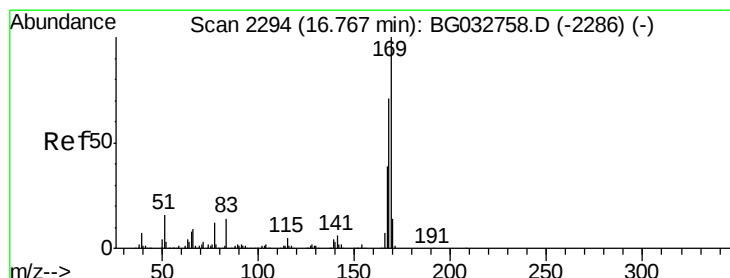
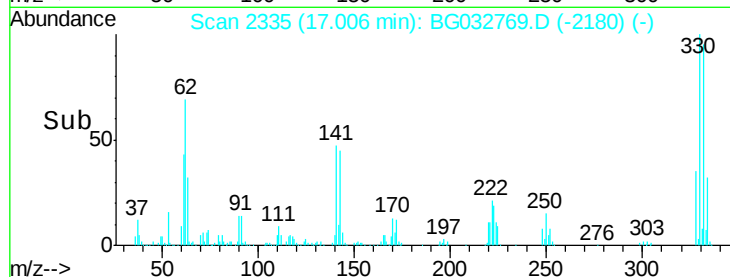
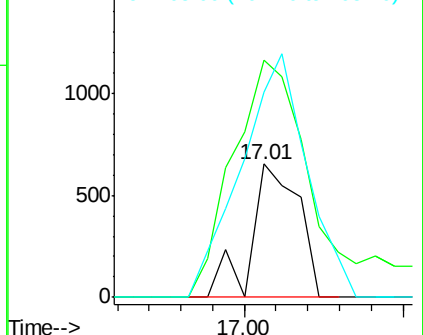
105 153.9 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.860 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.24 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

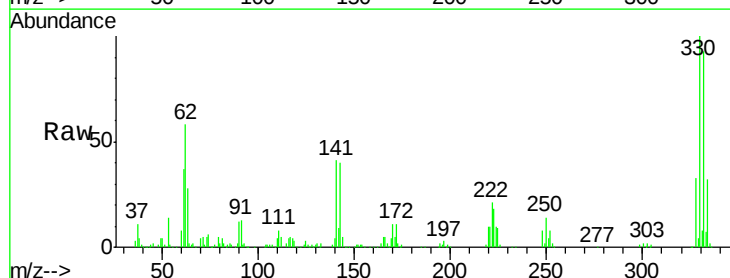
Tgt Ion:169 Resp: 11099

Ion Ratio Lower Upper

169 100

168 6.8 55.7 83.5#

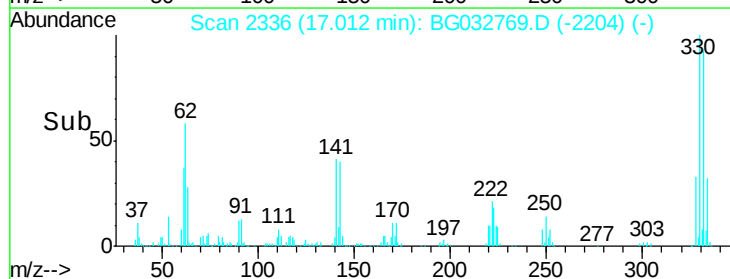
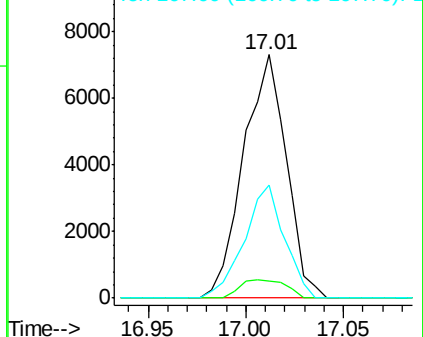
167 46.4 30.1 45.1#

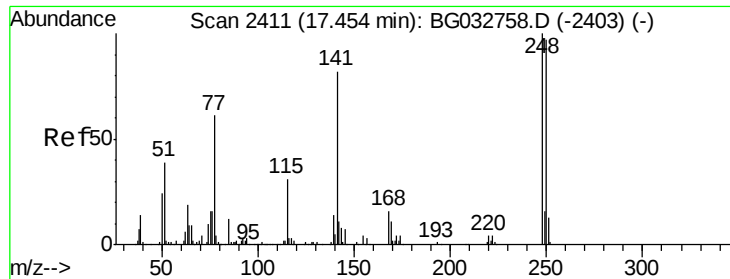


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

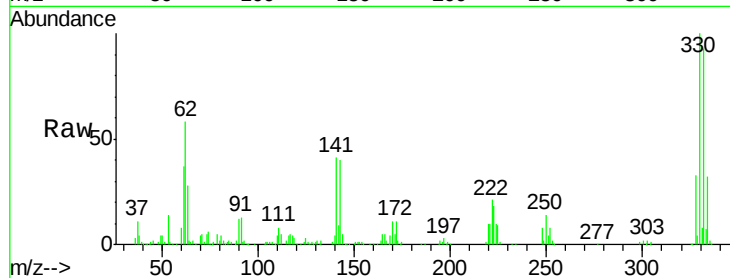




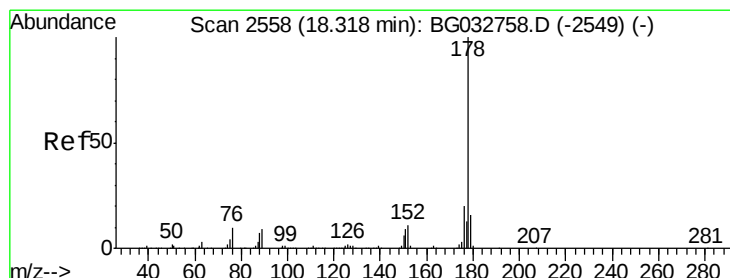
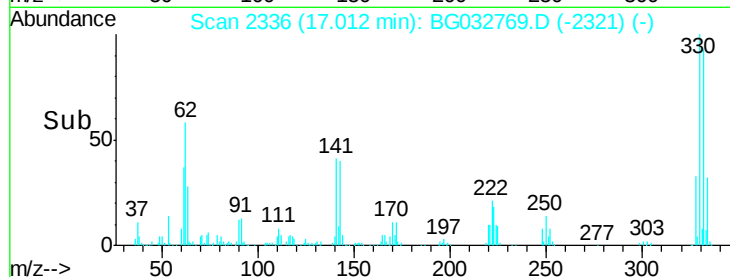
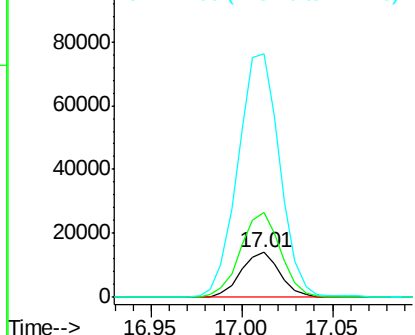
#66
 4-Bromophenyl-phenylether
 Concen: 5.029 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.44 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Instrument :
 BNA_G
 ClientSampled :
 TP-3

Tot Ion:248 Resp: 21103
 Ion Ratio Lower Upper
 248 100
 250 187.4 77.1 115.7#
 141 540.4 50.8 76.2#

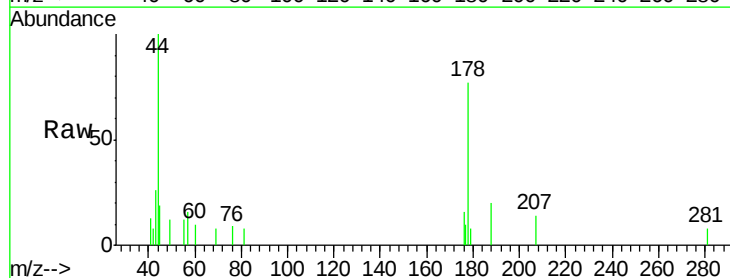


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

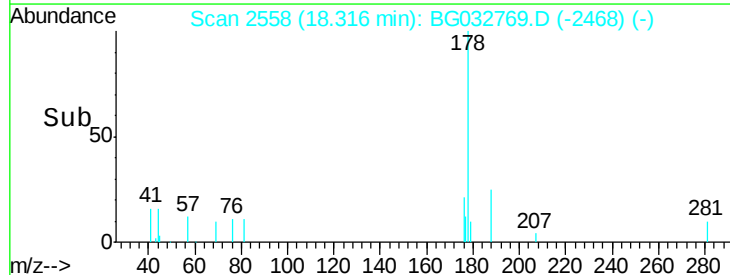
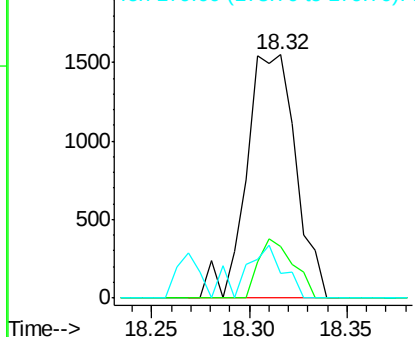


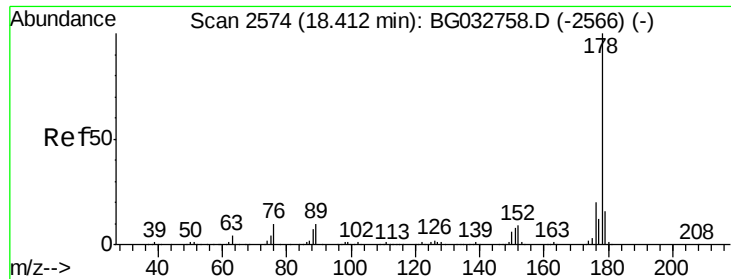
#70
 Phenanthrene
 Concen: 0.122 ng
 RT: 18.32 min Scan# 2558
 Delta R.T. -0.00 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Tgt Ion:178 Resp: 2711
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.7 23.5
 179 10.1 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

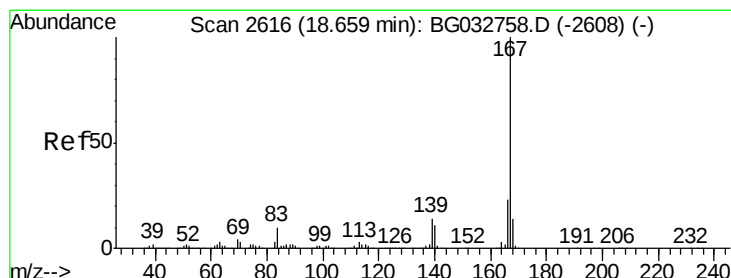
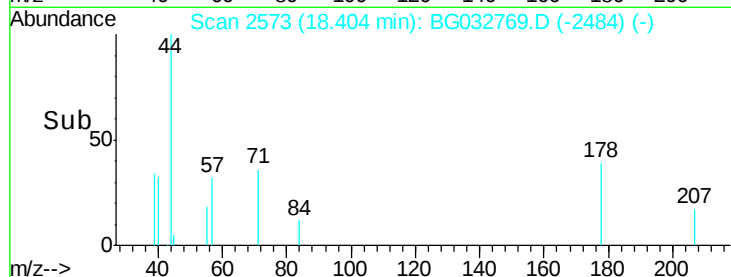
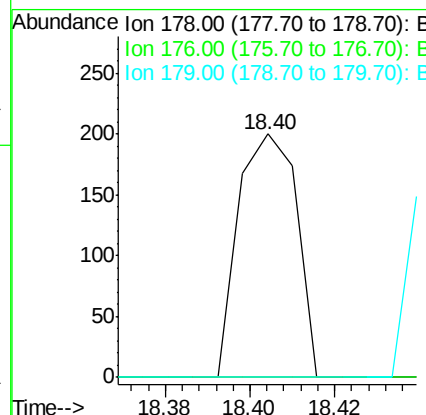
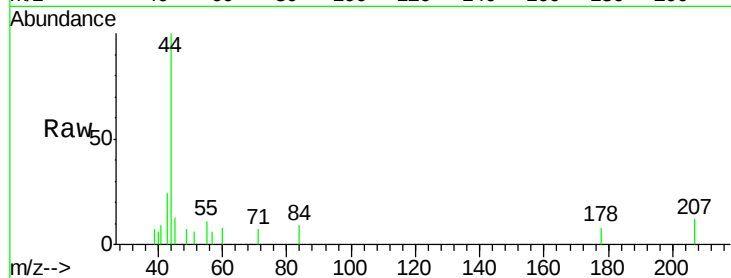




#71
 Anthracene
 Concen: 0.009 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

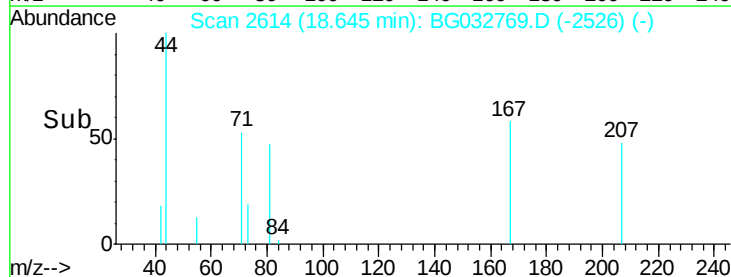
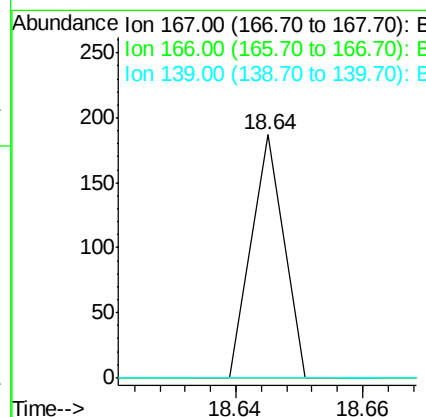
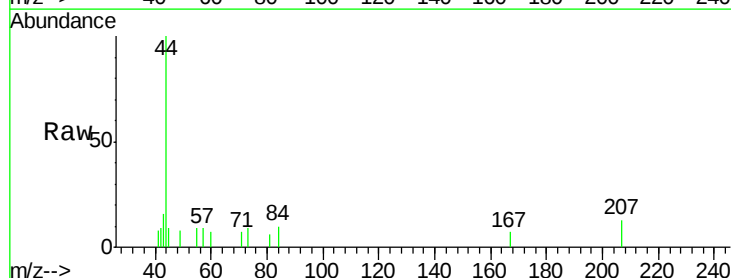
Instrument :
 BNA_G
 ClientSampled :
 TP-3

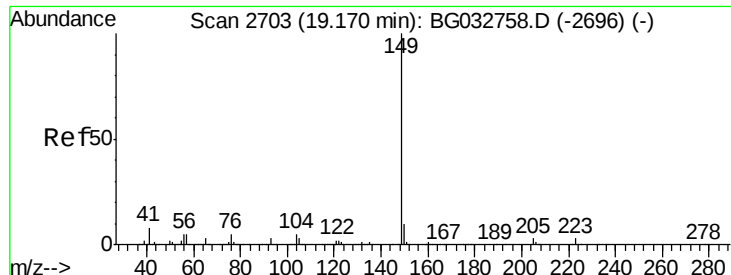
Tot Ion:178 Resp: 191
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.0 24.0#
 179 0.0 12.5 18.7#



#72
 Carbazole
 Concen: 0.003 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BG032769.D
 Acq: 21 Feb 2018 20:58

Tgt Ion:167 Resp: 66
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 0.072 ng

RT: 19.16 min Scan# 2702

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

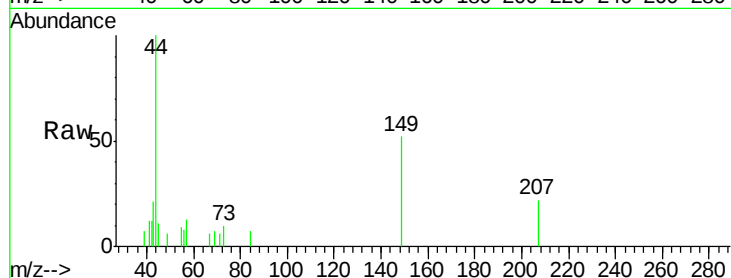
Tot Ion:149 Resp: 1929

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

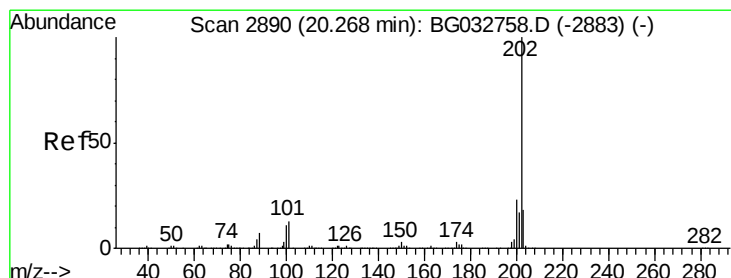
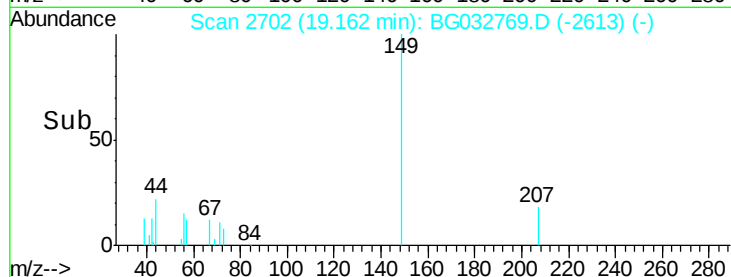
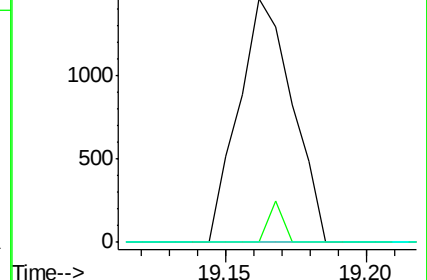
104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.009 ng

RT: 20.62 min Scan# 2950

Delta R.T. 0.35 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

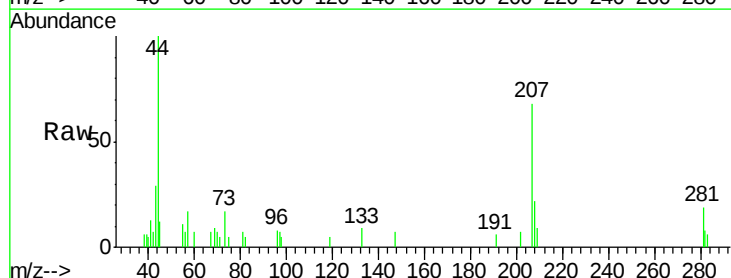
Tgt Ion:202 Resp: 208

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

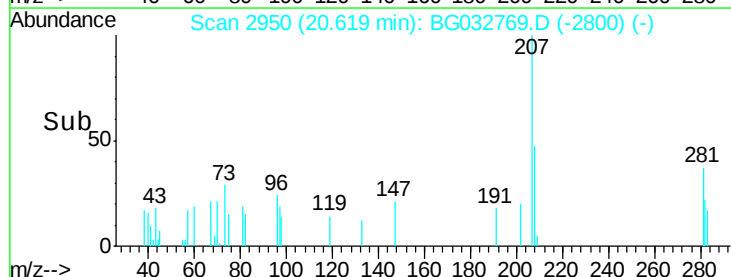
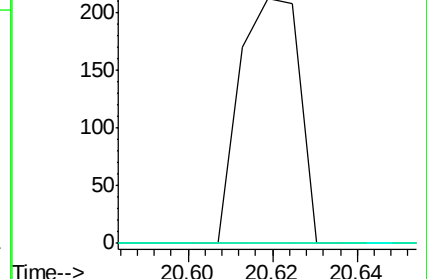
203 0.0 0.0 37.5

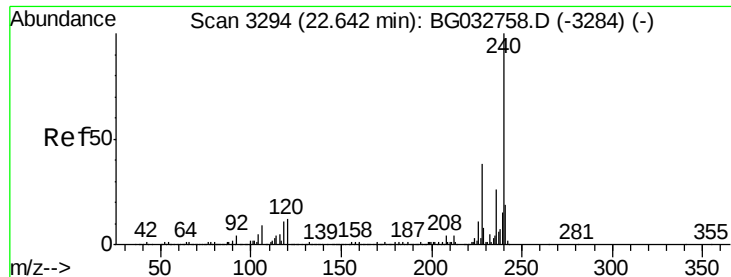


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

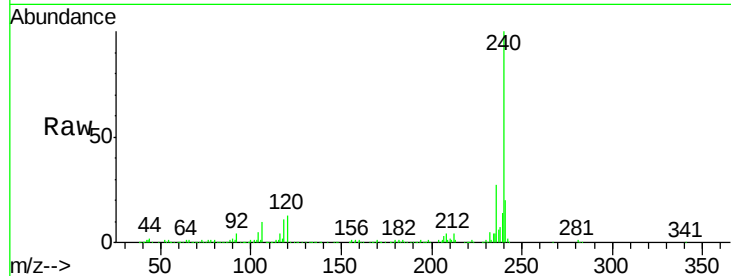
Tot Ion:240 Resp: 376027

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

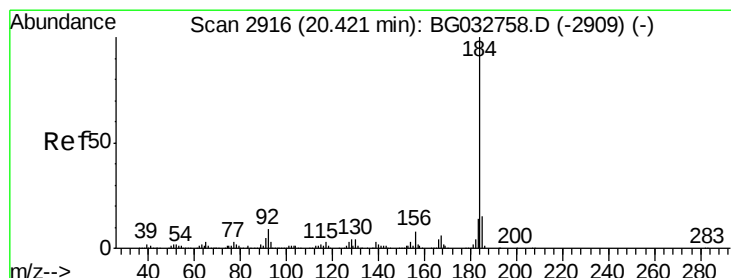
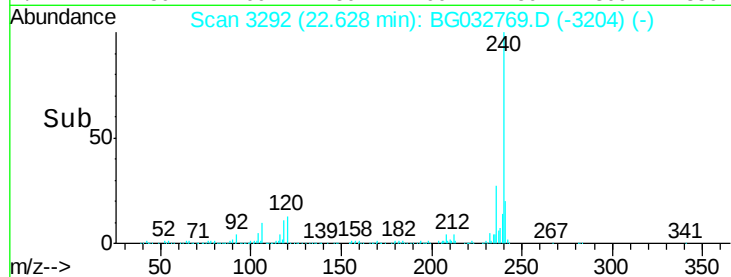
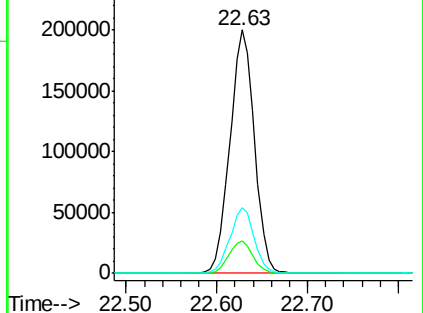
236 26.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.149 ng

RT: 20.42 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

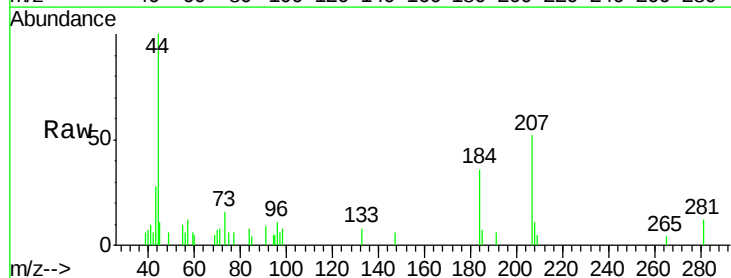
Tgt Ion:184 Resp: 1915

Ion Ratio Lower Upper

184 100

185 19.0 11.1 16.7#

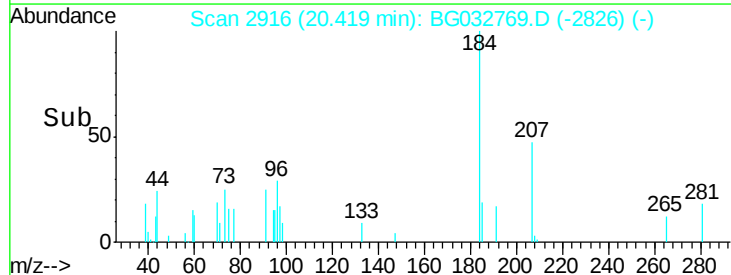
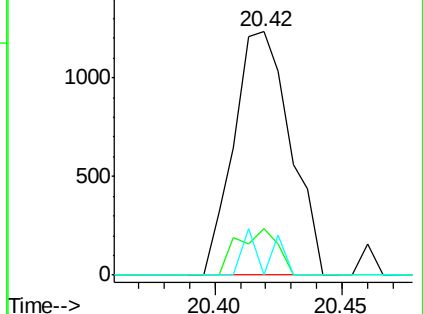
183 0.0 10.6 16.0#

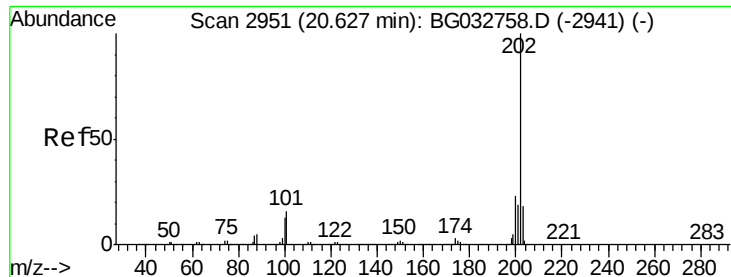


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.008 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampled :

TP-3

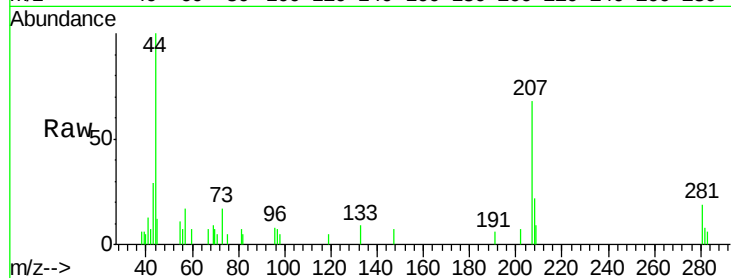
Tot Ion:202 Resp: 208

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

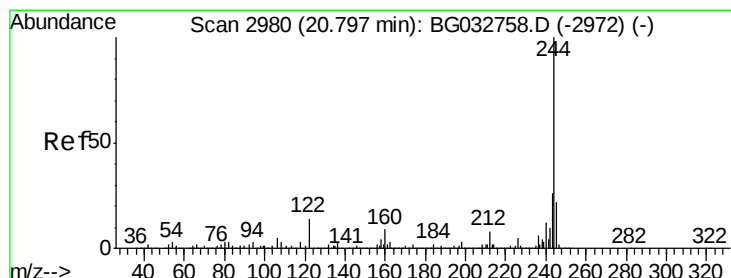
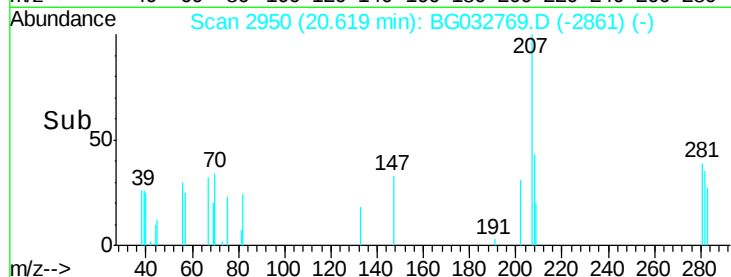
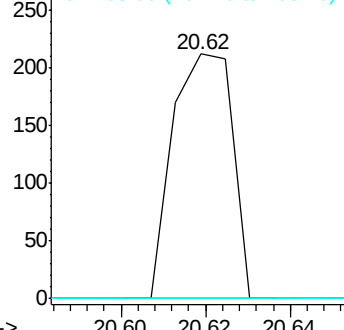
203 0.0 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.239 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

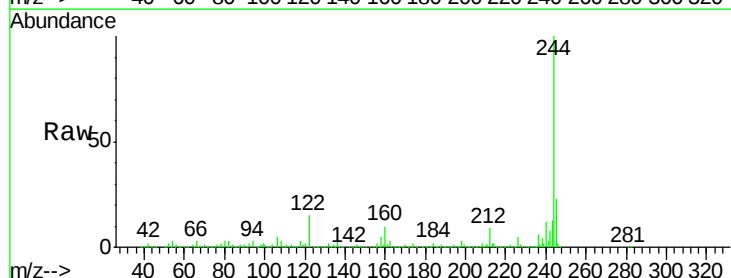
Tgt Ion:244 Resp: 1593974

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

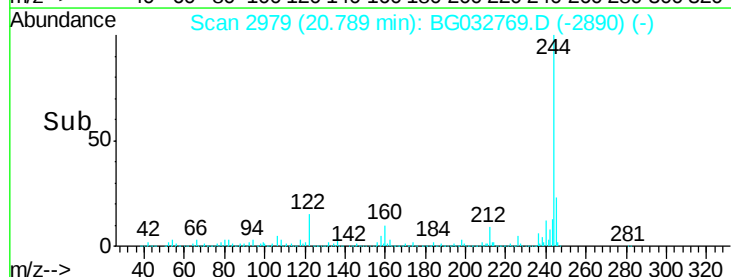
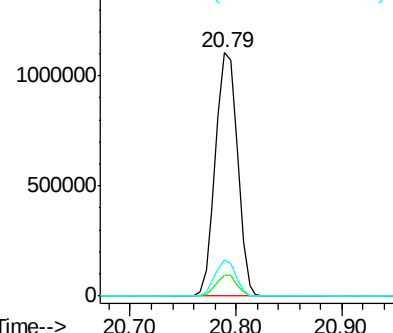
122 15.1 7.0 10.4#

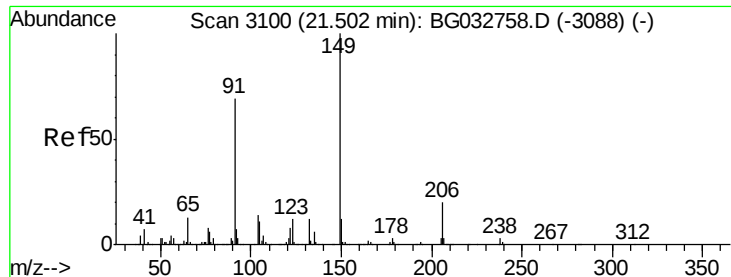


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

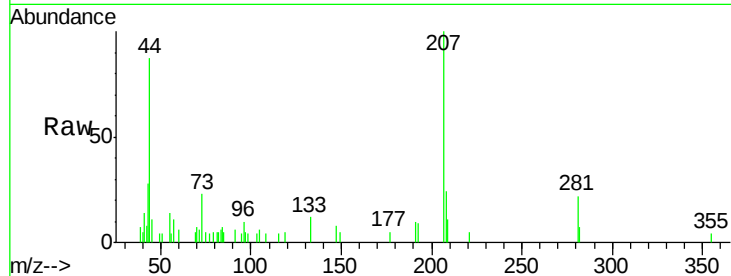




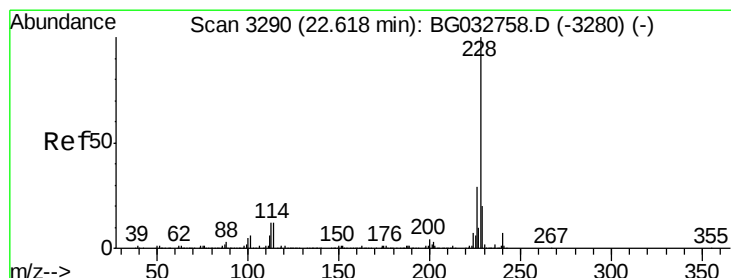
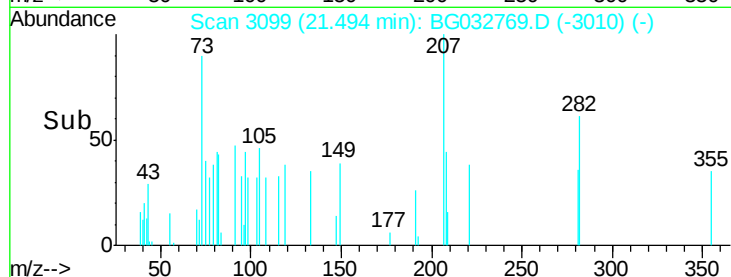
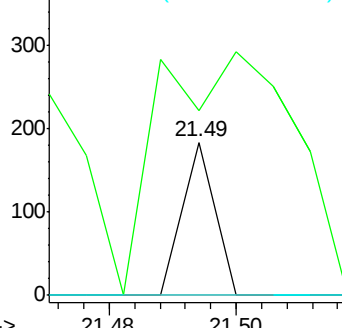
#79
Butylbenzylphthalate
Concen: 0.006 ng
RT: 21.49 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:149 Resp: 65
Ion Ratio Lower Upper
149 100
91 120.7 62.2 93.2#
206 0.0 18.6 27.8#

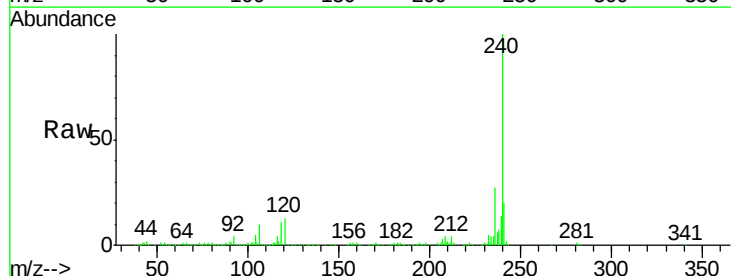


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BGC
Ion 206.00 (205.70 to 206.70): E

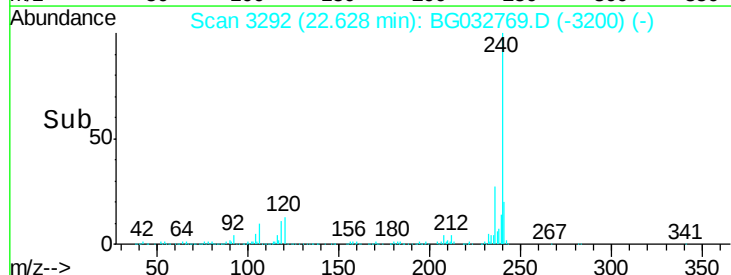
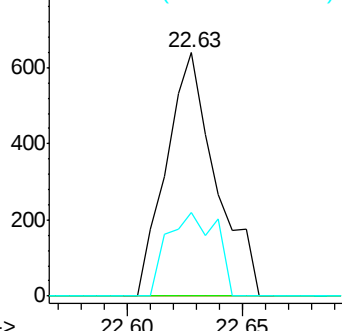


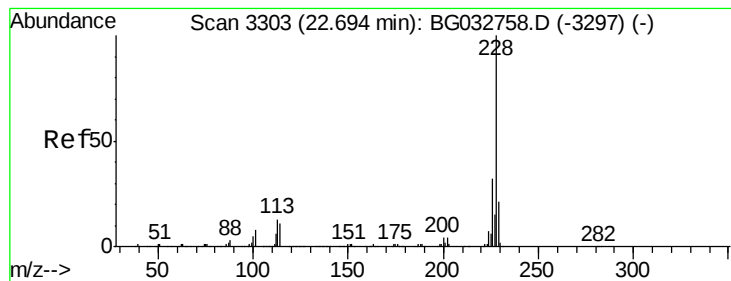
#80
Benzo(a)anthracene
Concen: 0.040 ng
RT: 22.63 min Scan# 3292
Delta R.T. 0.01 min
Lab File: BG032769.D
Acq: 21 Feb 2018 20:58

Tgt Ion:228 Resp: 953
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 34.3 16.2 24.2#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.041 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.07 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

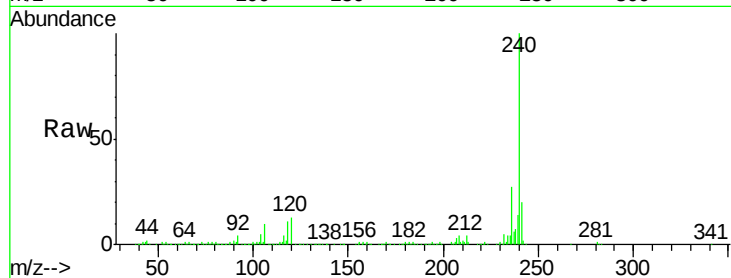
Tot Ion:228 Resp: 953

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 34.3 15.0 22.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

22.63

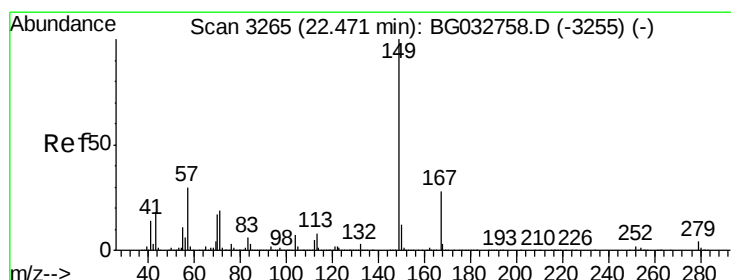
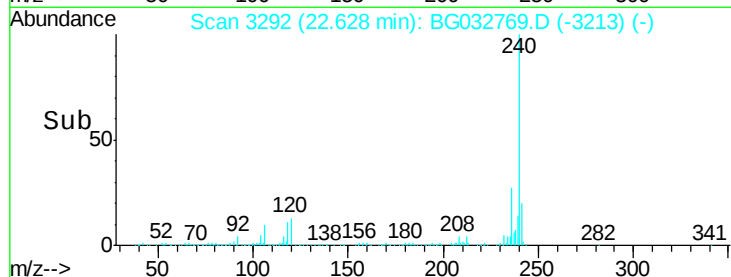
600

400

200

0

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.097 ng

RT: 22.46 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

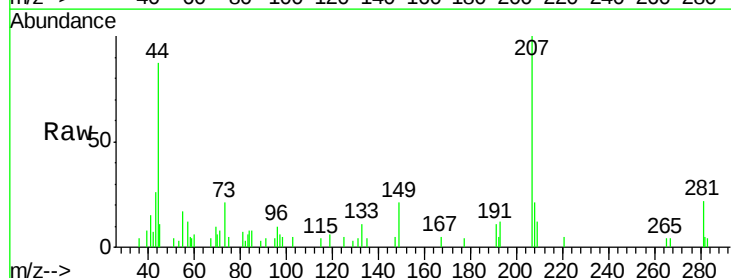
Tgt Ion:149 Resp: 1688

Ion Ratio Lower Upper

149 100

167 23.8 24.3 36.5#

279 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

22.46

1200

1000

800

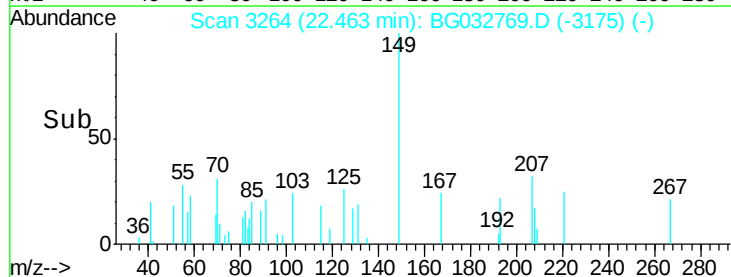
600

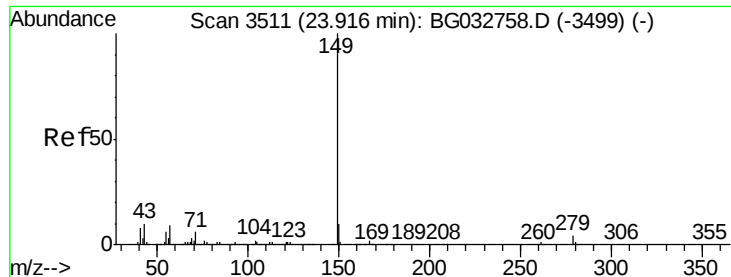
400

200

0

Time-->





#84

Di-n-octyl phthalate

Concen: 0.002 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.05 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

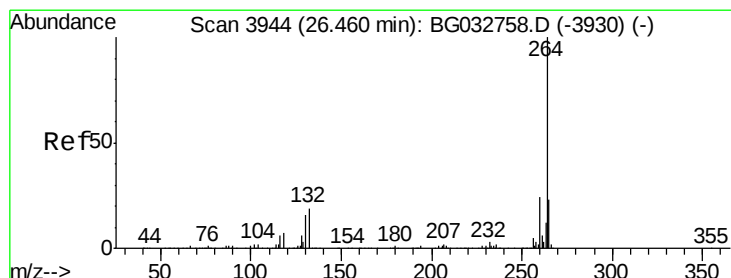
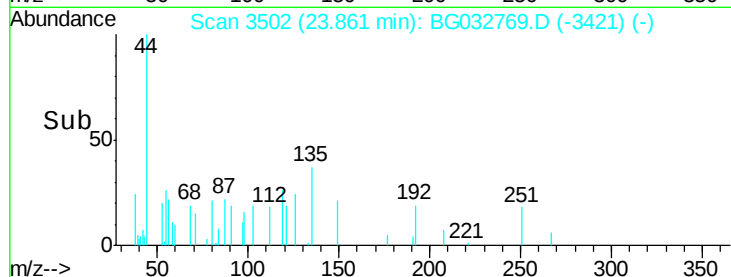
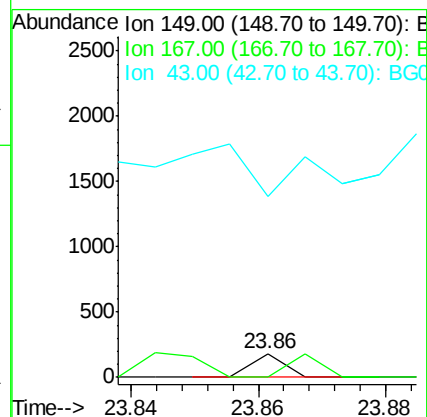
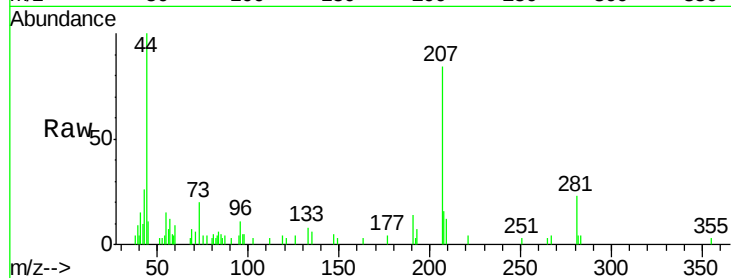
Tot Ion:149 Resp: 63

Ion Ratio Lower Upper

149 100

167 98.4 1.4 2.0#

43 0.0 8.9 13.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.44 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

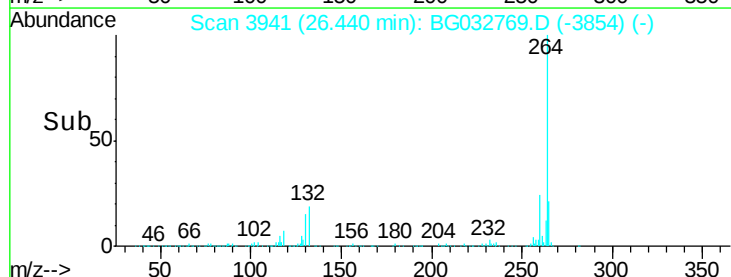
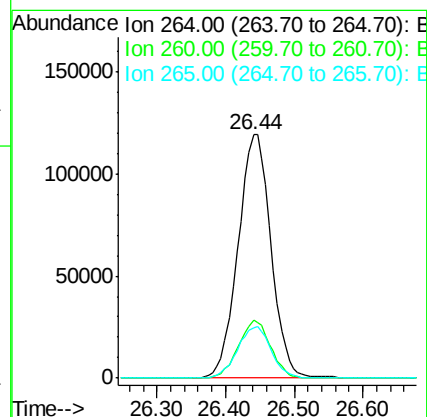
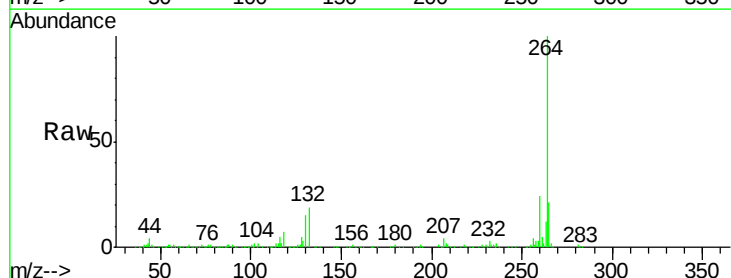
Tgt Ion:264 Resp: 397995

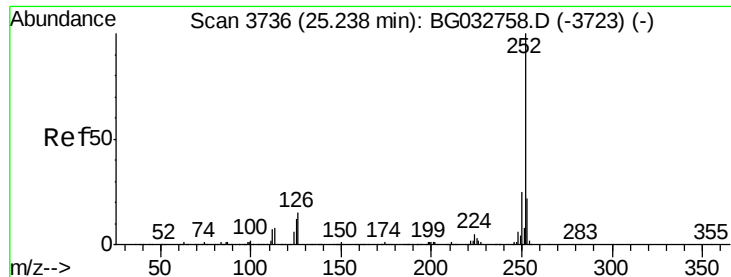
Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.5 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 25.32 min Scan# 3751

Delta R.T. 0.09 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

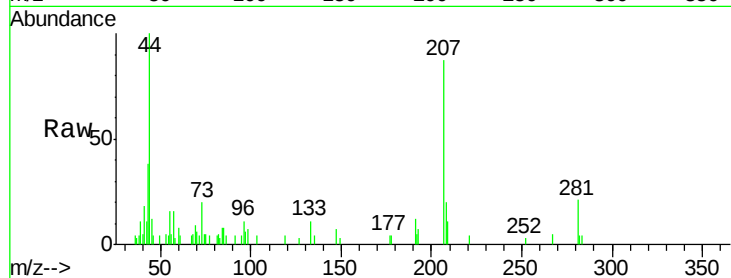
Instrument :

BNA_G

ClientSampled :

TP-3

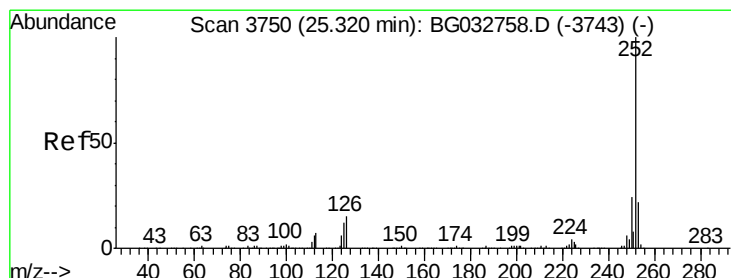
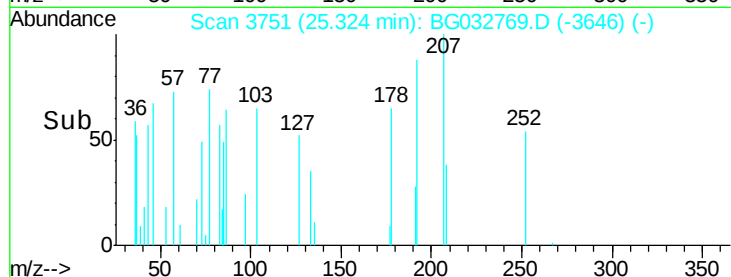
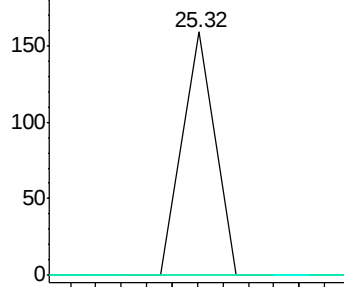
Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	0.0	7.2	10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.002 ng

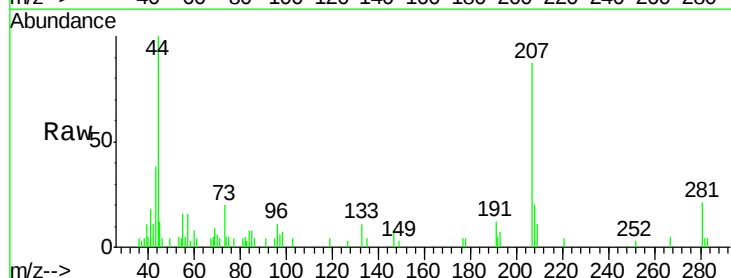
RT: 25.32 min Scan# 3751

Delta R.T. 0.00 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

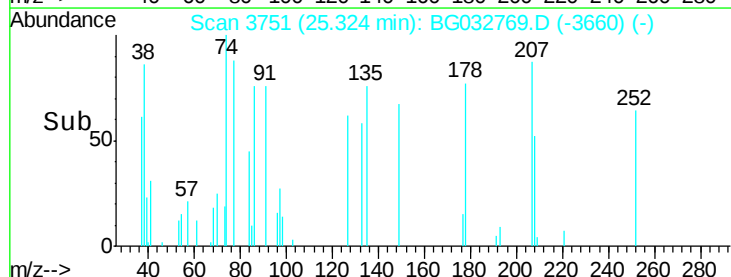
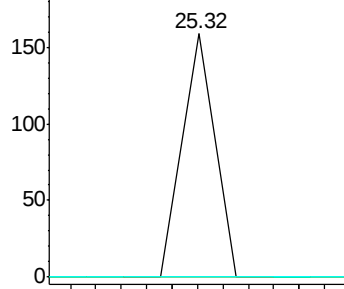
Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#

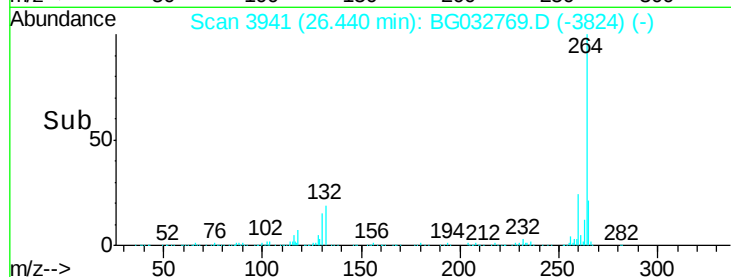
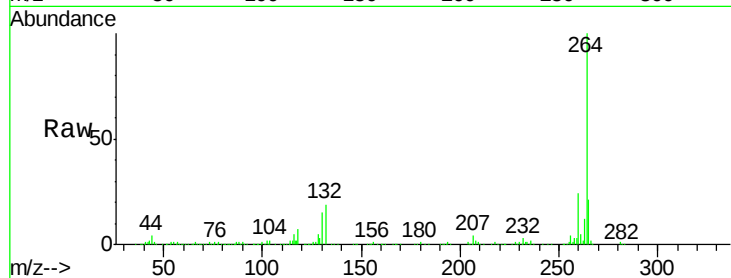
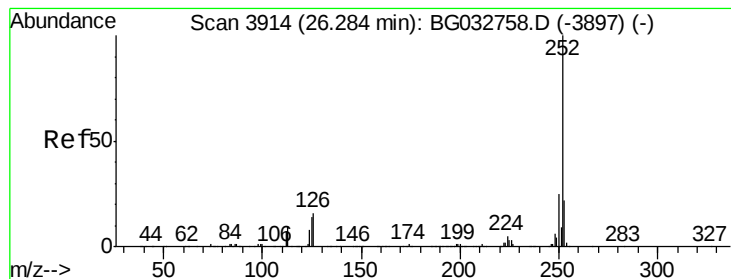


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.061 ng

RT: 26.44 min Scan# 3941

Delta R.T. 0.16 min

Lab File: BG032769.D

Acq: 21 Feb 2018 20:58

Instrument :

BNA_G

ClientSampleId :

TP-3

Tot Ion: 252 Resp: 1372

Ion Ratio Lower Upper

252 100

253 53.6 18.3 27.5#

125 46.6 7.3 10.9#

